GUIDELINE TABLE OF CONTENTS

1	General Requirements
2	Site Requirements
3	Accessible Path Of Travel
4	Accessible Parking, Passenger Loading, and Bus Stops
5	Curb Ramps and Pedestrian Crossings
6	Walks and Sidewalks
7	Accessible Ramps
8	Doors and Gates
9	Corridors, Hallways, and Vestibules
10	Stairs and Steps
11	Elevators and Areas of Rescue Assistance
12	Wheelchair Lifts
13	Public Telephones
14	Drinking Fountains
15	Sanitary Facilities
16	Alarms
17	Signage and Way-Finding
18	Assembly Use Areas
19	Business and Mercantile Use Areas
20	Educational Use Areas
21	Institutional Use Areas
22	Residential Use Areas
23	Other Use Areas
24	Qualified Historical Buildings
25	Specifications

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plan Set	Comments Notes Examples
Che	ck List 1. GENERAL REQUIREMENTS			
Work m	ay be considered for refection for any of the following			
reasons (a)	Excessive coordination errors (no more than ten per project). Civil, architectural, structural, mechanical, plumbing, landscaping, electrical, and specifications should be coordinated to match.	106.3.3 Title 24, Part 1, 4-317		
(b)	Excessive, incomplete dimensioned details from site plan, floor plans, and interior elevations.			
(c)	Absence of coordinated signage schedule indicating the location and mounting height of signs.			
(d)	Absence of accessible parking indicating dimensioned clearances, slopes, transition between material, signage, parking ratio.			
(e)	For modernization projects, no path of travel is indicated to accessible toilets and area of new work.			
(f)	Incomplete plan set as indicated on the index sheet.			
(g)	Lacking application, check, plans or specifications.			
(h)	Assembly rooms without seating plans and details. No accessible seating locations with companion seating. Non-equitable lines of sight (includes stadiums and bleachers)			
(i)	Doors without all required clearances fully dimensioned.			
(j)	Missing details for ramps, curb cuts, transitions, elevators, stairs, lifts, thresholds, cross slopes.			
(k)	Absence of dimensioned restroom plans to enlarged scale 1/4" and interior elevations with fixture location and accessory mounting heights.			
(I)	Incomplete door schedule lacking:			
	(1) Size of doors			
	(2) Hardware groups			
	(3) Threshold details referenced			
	(4) Signage coordination (details referenced and copy)			
(m)	Assembly rooms without assistive listening devices as required with signage.			
P.D, in selevation	er shall review all items related to accessibility, provided by pecifications, and in plans, including floor plans, ns, sections, and details, to make sure all construction accessible.			
	tional requirements, see also DSA/AC Preliminary Design List (roman numerals).			
	with a total construction cost of \$5 mil. or more should go a preliminary design review with a DSA reviewer prior to mittal.			
	er shall review preliminary design meeting notes (prepared mitted by PD.)			

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification,	Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plan Set	Comments Notes Examples
	Check List 1. GENERAL REQUIREMENTS	<u> </u>			
G	eneral Plan Reviewer Notes				
G1.	Provide the following for this element or area:				
O 1.	Enlarged plans				
	2. Sections				
	3. Elevations				
	4. Details				
G2.	Coordinate element(s) in architectural, structural, mechanical, plumbing, or electrical drawings (plans, sections, elevations, or details) with the one shown in this area.				
G3.	Provide missing sheet, section, elevation, or detail as indicated on plan.				
G4.	Coordinate element(s) with specifications.				
G5.	Indicate scale on drawing.				
36.	Provide missing dimension(s).				
3 7.	Update old code citation with current one.				
3 8.	Recommendation (federal requirement).				
39 .	Recommendation (best practice approach).				
310 .	Typical (applies to all similar situations in this project).				
G11.	Provide absolute dimensions, not a range, in construction documents.				
G12.	Provide enlarged plan or detail, showing all relevant dimensions to clearly indicate how accessibility requirements are met.	Tit	6.3.3 le 24, Part 4-317		
G13.	Delete the term "handicap" and/or "H/C". Recommend: use "ACC" for accessible or "D.A." for disabled access(ibility) instead.				See Appendix B to 28 CFR 35 and CA Vehicle Code
G14.	The code provides a range for this dimension. It is recommended that, unless there are compelling reasons not to do so, a dimension in the middle of the range should be chosen, to provide the contractor with a safety buffer for construction tolerances (Note: construction tolerances cannot be applied to justify overstepping code required minima and maxima).				§22511.9
G15.	Identified work, element, furniture, equipment, or layout, even though labeled NIC or provided by the owner, is integral to access compliance of this submittal. Specify dimensions and locations of work or element.				
G16.	Identified work or element encroaches into required clear space (30"x48"), or into turning radius (60" diameter), or into maneuvering space at door.				
G17.	See note on the sheet/drawing indicated in red.				
G18.	In new construction and alteration projects, full compliance must be provided. (If unreasonable hardship is given PD to	Ch Se <i>Ur</i>	art 2, napter 2 ection 222 nreasonable ardship		

,	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plan Set	Comments Notes Examples
	Check List 1. GENERAL REQUIREMENTS			
	submit written application (see DSA IR #99-05 for form) to DSA and provide equivalent facilitation.)			
G19.	Bring manufacturer cut-sheets or product sample of specified element to back check.			
Gener	al Requirements			
1.1	State and federal rules require, as do the statutes, that newly constructed facilities be readily accessible to and usable by individuals with disabilities. The phrase "readily accessible to and usable by individuals with disabilities" is a term that, in slightly varied formulations, has been used in the Architectural Barriers Act of 1968, the Fair Housing Act, the regulations implementing section 504 of the Rehabilitation Act of 1973, California's Government Code, and current accessibility standards. It means, with respect to a facility or a portion of a facility, that it can be approached, entered, and used by individuals with disabilities (including mobility, sensory, and cognitive impairments) easily and conveniently. A facility that is constructed to meet the requirements of the rules' accessibility standards will be considered readily accessible and usable with respect to construction. To the extent that a particular type or element of a facility is not specifically addressed by the standards, the language of this section is the safest guide	Appendix B of 28 CFR 36 CA Gov. Code §4450		
1.2	Show list of all current codes, regulations, and adopted standards, which apply for the project:			
	Applicable State Codes as of November 1, 2002			
	 2001 Building Standards Administrative Code, Part 1, Title 24 C.C.R. 			
	□ 2001 California Building Code (CBC), Part 2, Title 24 C.C.R. (1997 UBC, Volumes 1-3 & 2001 California Amendments)			
	□ 2001 California Electrical Code (CEC), Part 3, Title 24 C.C.R. (1996 National Electrical Code & 2001 California Amendments)			
	□ 2001 California Mechanical Code (CMC), Part 4, Title 24 C.C.R. (1997 Uniform Mechanical Code & 2001 California Amendments)			
	□ 2001 California Plumbing Code (CPC), Part 5, Title 24 C.C.R. (1997 Uniform Plumbing Code & 2001 California Amendments)			
	☐ 1998 California Elevator Code, Part 7, Title 24 C.C.R.			
	□ 2001 California Fire Code, Part 9, Title 24 C.C.R. (1997 Uniform Fire Code & 2001 California Amendments)			
	□ 2001 California Referenced Standards, Part 12, Title 24 C.C.R.			
	☐ 1990 Title 19 C.C.R., Public Safety, State Fire Marshal Regulations			
	Partial List of Applicable State Standards			
	□ NFPA 13, Automatic Sprinkler Systems, 1996 Edition			
	□ NFPA 72, National Fire Alarm Code (CA Amended) 1996 Edition (Note see UL Standard 1971 for "Visual Devices")			
	☐ Reference code section for NFPA Standards-CBC (SFM) 3504.1			
	☐ ASME A17.1-1993 for Section 7-3094 Part 7, C.C.R. Title 24			
	 □ ASME A18.1-1999 for Section 7-3094 Part 7, C.C.R. Title 24 □ ASTM F 1487-98 for Playground Surface Systems Under and Around Playground Equipment 			

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plan Set	Comments Notes Examples
	Check List 1. GENERAL REQUIREMENTS			
1.3 1.4 1.5	Check List 1. GENERAL REQUIREMENTS ASTM F 1292-99 for Impact Attenuation of Surface Systems Under and Around Playground Equipment ANSI/BHMA A156.10-1985 American National Standard for Power Operated Pedestrian Doors ANSI A156.19-1984 American National Standard for Power Assist and Low Energy Power Operated Doors List of Federal Codes and Standards (if applicable) Americans with Disabilities Act (ADA), Title II or Title III For Title II: Uniform Federal Accessibility Standards (UFAS) or Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities (ADAAG). For Title III: ADA Standards for Accessible Design Provide list of code analysis data: construction type, areas sf., occupancy classification, occupancy load, and fire sprinklers, if applies. Describe the scope of work covered under this application. Identify the area, category, and type of project. In order to clarify the scope of work, describe the relationship of this application with previous or upcoming projects at the same site and provide DSA application numbers for all buildings, paths of travel, parking, passenger loading zones, sanitary facilities, drinking fountains, signage, and public telephones on this site (e.g., increments, phases, ADA Transition Plan efforts, etc). Due to the difficulty of anticipating every unsatisfactory condition that might exist in connection with the existing facility where alteration work is proposed, the following clause or one of similar meaning must be included in the specifications or in	Justin Reference Code Code (C.C.C. u.o.n.	Cover sheet Cover sheet Cover sheet	Choose appropriate federal standards as follows: Title II for projects funded or used by state and local government services. Title III for public accommodations and in commercial facilities. Categories of projects New construction Alteration w/o state funds Additions Relocatables HDC relocatables HDC relocatables HDC relocatables Hodarrier removal Fire damage projects Historical properties MOU projects Housing Class size reduction Others
	the general notes: The intent of the drawings and specifications is to modify the facility for accessibility in accordance with Title 24, California Code of Regulations. Should any conditions develop not covered by the contract documents such that the finished work will not comply with said Title 24, California Code of Regulations, a change order detailing and specifying the required work shall be submitted to and approved by DSA-AC before proceeding with the work.			
1.7	Indicate whether the facility is a qualified historical building and provide details showing whether the alteration is using alternatives in compliance with California State Historical Building Code (see Checklist 24).	1135B.1		
1.8	Stamp or license of design professional is missing or expired. Renew and stamp plans for back check.			
1.9	For new construction projects: provide full accessibility to all areas of facilities or portions of facilities, including exterior paths of travel, and all floors, including split levels, platforms, podiums, sunken areas, balconies, roof gardens, and	1103B 1127B		

	1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plan Set	Comments Notes Examples
	Ch	eck List 1. GENERAL REQUIREMENTS		I	T
	ind	zzanines. Modify scoping of the project accordingly and icate clearly on drawings how this requirement is being met. CEPTIONS: Floors or portions of floors not customarily occupied, including, but not limited to, non-occupiable or employee spaces accessed only by ladders, catwalks, crawl spaces, very narrow passageways or freight (non-passenger) elevators, and frequented only by service personnel for repair or maintenance purposes: such spaces as elevator pits and elevator penthouses, piping and equipment catwalks and machinery rooms. Stair stripping shall be required on stairs. For project under DSA jurisdiction only: if DSA/AC determines unreasonable hardship during the preliminary	1103B.1.2 1127B.1.1		28 CFR 35.130(b)(4) A public entity may not, in determining the site or location of a facility, make selections – (i) That have the effect of excluding individuals with disabilities from, denying them the benefits of, or otherwise subjecting them to discrimination; or (ii) That have the purpose or effect of defeating or substantially impairing the accomplishment of the objectives of the service, program, or activity with
1.10	pro All nev scc	design meeting of the project. alteration, renovation, structural repair, or addition projects: wide full accessibility within the specific area of alteration. proposed work must comply fully with the requirements for w construction (see Item 1.9, incl. exceptions). Modify oping of the project accordingly and indicate clearly on wings how this requirement is being met.	1134B.2		respect to individuals with disabilities.
1.11	the	alteration, renovation, structural repair, or addition projects, following elements, serving the specific area of alteration st be made accessible: A primary entrance to the building, facility, or exterior area which is being altered. A primary path of travel to the specific area of alteration, including: a path of travel from the site entry point (at the public right-of-way) that is closest to public transportation stops; a path of travel from on-site transportation stops; designated accessible parking; a path of travel from designated accessible parking; and identifying and directional signage.	1134B.2.1		ALTERATION is any change, addition, or modification in construction or occupancy (that affects occuld affect the usability of facility.) ADDITION is an extension or increase in floor area or height of a building or structure
	3.	Sanitary facilities serving the area.			
	4.	Drinking fountains serving the area.			
	5.	Signage.			
	6.	Public telephones serving the area.			
	7.	Recommendation: Surrounding site (as required for accessible egress routes) and exterior activity areas serving the area (such as play grounds).			
		dify scoping of the project accordingly and indicate clearly drawings how this requirement for is met.			
	EX	CEPTIONS:			
	a.	Alteration Projects below the Cost Cap:	1134B.2.1.1		
		When the total construction cost of alterations is less than \$97,575.63 (in 2003), and DSA finds that full compliance			

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24,	Location of Item on Plan Set	Comments Notes Examples
Ch	eck List 1. GENERAL REQUIREMENTS			
	creates an unreasonable hardship and equivalent facilitation is provided, compliance can be limited to the actual alteration work.			
	An unreasonable hardship exists where the cost of providing an accessible entrance, path of travel, sanitary facilities, public phones and drinking fountains, exceeds 20% of the cost of the project without these features. In such a case, access must be provided to the extent that it can be without incurring disproportionate cost (i.e. up to 20%).			
	Modify scoping of the project accordingly and indicate clearly on drawings how this requirement for is met. Provide cost documentation.			
	When scoping the project, priority should be given to those elements that will provide the greatest access in the following order:			
	1.1 An accessible entrance;			
	1.2 An accessible route to the altered area;			
	1.3 At least one accessible restroom of each type for each sex.			
	1.4 Accessible telephones;			
	1.5 Accessible drinking fountains;			
	1.6 Additional accessible elements.			
b.	ADA Barrier Removal Projects	44045 0 4 0		
	Alterations that are limited to the removal of architectural barriers are not subject to the accessibility requirements in 1134B.2.1. This exception (1134B.2.1.3) is not intended to relieve projects from complying with all applicable provisions within the specific area of alteration.	1134B.2.1.3		This exception does rapply to facilities for value the first certificate of occupancy was issue after January 26, 199
c.	Other Alteration Projects	1134B.2.1.4		
	Alteration projects that are not wholly or in part funded by the State, and which consist only of heating, ventilation, air conditioning; re-roofing; electrical work not involving placement of switches and receptacles; cosmetic work that does not affect items regulated by Title 24 (i.e. painting, carpeting), etc. are not considered alterations for the purpose of accessibility and are not subject to the accessibility requirements in 1134B.2.1.	11040.2.1.4		
	This exception (1134B.2.1.4) is not intended to relieve projects from complying with other applicable provisions of the CBC (e.g., replacement of carpet does not activate the provisions of this section; however, the new carpet still must comply with Section 1124B.3.)			
	Provide information related to applicable accessibility requirements for all planned elements and features in the specific area of alteration.			

1	1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on	آ ر 24,	em	
		drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 2, u.o.n.)	Location of Item on Plan Set	Comments Notes Examples
	Ch	eck List 1. GENERAL REQUIREMENTS			
	d.	Alteration Projects with Department of Education (CDE) or Office of Public School Construction (OPSC) Funding	1134B.2.1.4		
		Alteration projects that are wholly or in part funded by CDE or OPSC, and which consist only of heating, ventilation, air conditioning; re-roofing; electrical work not involving placement of switches and receptacles; cosmetic work that does not affect items regulated by Title 24 (i.e. painting, carpeting), etc. are not considered alterations for the purpose of accessibility and are not subject to the accessibility requirements in 1134B.2.1.			
		However, OPSC makes an additional 3% of funding available for Fire-Life-Safety and Access beyond the building envelope, plus provides an allocation for required elevators.			
		Modify scoping of the project accordingly and indicate clearly on drawings how this requirement is being met. Provide cost documentation.			
	e.	Replacement-in-kind Maintenance Work	DSA Memo		
		Projects limited to replacement-in-kind work do not "trigger" a total upgrade in the area of work or in the path of travel. However, individual items being replaced must be selected according to applicable standards for that item only, i.e., replaced water closets, 17 – 19 inches high with code compliant flush handles, would not "trigger" repositioning the fixture location or moving the partition walls.	10-24-2001 (on file)		
.12	Spe	ecial requirements for school modernization projects:			
	1.	Before submitting project to DSA-AC, PD should review it in the preliminary phase with the California Department of Education (Tel: 916-322-2470), to ensure that site selection is acceptable.			
	2.	Provide information related to the project consistent with the ADA Transition Plan for the facilities.			
	3.	If elevators are required by DSA in writing at preliminary phase, partial funding for elevator can be granted by OPSC, in addition to the basic funding package.			
	app "Ins con calc acc	vide the following note in projects that include deferred proval items for access related equipment or elements stallation of deferred approval items shall not be started until stractor's drawings, specifications and engineering culations for the actual systems to be in installed have been epted and signed by the Architect or Structural Engineer I approved by DSA."			
1.14	Cha	arter schools must submit plans to DSA for approval.	101.17.11.4.1		

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plan Set	Comments Notes Examples
	Check List 2. SITE REQUIREMENTS			
2.1	For site selection, site development, and other scoping requirements see also applicable DSA/AC Preliminary Review Checklists.			
2.2	Exterior Site Development Issues. Consider the following excerpt from the ADAAG Appendix when developing the site plan (A4.3.1 Accessible Route):	ADAAG A 4.3.1 GC 4450		
	1. Travel Distances. Many people with mobility impairments can move at only very slow speeds; for many, traveling 200 ft could take about 2 minutes. This assumes a rate of about 1.5 ft/s/ on level ground. It also assumes that the traveler would move continuously. However, on trips over 100 ft, disabled people are apt to rest frequently, which substantially increases their trip times. Resting periods of 2 minutes for every 100 ft can be used to estimate travel times for people with severely limited stamina. In inclement weather, slow progress and resting can greatly increase a disabled person's exposure to the elements.			
	2. Sites. Level, indirect routes or those with running slopes lower than 1:20 can sometimes provide more convenience than direct routes with maximum allowable slopes or with ramps			
2.3	New construction: All proposed site work, including choice of location, site development and grading, must be designed to provide access to all new building entrances and exterior ground—floor exits, and access to normal paths of travel, and where necessary to provide access, shall incorporate pedestrian ramps, curb ramps, etc. When more than one building or facility is located on a site, accessible routes of travel shall be provided between buildings and accessible site facilities. The accessible route of travel shall be the most practical direct route between accessible building entrances, accessible site facilities and the accessible entrance to the site. Where more than one route of travel is provided, all routes shall be accessible.	1127B.1 1114B.1.2 28 CFR 35.130(b)(4)		
	EXCEPTION:			
	a. Where DSA/AC determines that compliance with this requirement would create an unreasonable hardship because of topography, natural barriers, etc., an exception may be granted when equivalent facilitation is provided through the use of other methods and materials.			
2.4	Alterations and additions: All proposed work must comply fully with the requirements for new construction (see <i>Item 2.3</i>).	1127B.1 1114B.1 101.1711.4		
	EXCEPTION:	28 CFR		
	a. Where DSA/AC determines that compliance with this requirement would create an unreasonable hardship because of topography, natural barriers, etc., an exception may be granted when equivalent facilitation is provided through the use of other methods and materials.	35.130(b)(4)		

	2	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plan Set	Comments Notes Examples
	Ch	eck List 2. SITE REQUIREMENTS			1
	b.	The requirements do not apply in those conditions where, due to legal or physical constraints, the site of the project would not allow compliance with this requirement or equivalent facilitation without creating an unreasonable hardship.			
		NOTE: Jurisdictional findings and determinations are subject to an internal DSA appeals process.			
.5	mu: ent	e site is an important part of a building or facility, and PD st ensure that buildings or facilities can be approached and ered easily and conveniently. Modify site plan to meet the owing requirements:			Recommendation: Provide a separate accessibility site plan.
	1.	Use larger scale to more clearly show relevant elements.			
	2.	Change graphic layout and/or line weights and types to better represent access compliance.			
	3.	Provide names and/or designations for all existing buildings.			
	4.	Provide and indicate DSA application numbers for all existing buildings affected by project scope. Alterations are not permitted to previously uncertified construction.			NOTE: Call DSA's Regional Offic Supervisor for certificatio
	5.	Clearly indicate any non "Field Act" structures on the site; they must be noted as "Not Part of Structural Review." However, structures may still be part of Access Compliance review.	DSA IR #95-01		process of existing buildings without DSA application number.
.6	Indi	icate the following infrastructure on site plan:			
	1.	Location of all toilet rooms on site.	1115B.7		
		A. Identify all toilets which are part of this project.			
		B. Identify all toilets that are scheduled to be made accessible in the near future (e.g., second project phase or increment, Transition Plan implementation, etc.) and indicate planned year of completion.			
		C. Identify all existing toilet rooms.			
		D. Identify type of use (men's, women's, or unisex; single or multi accommodation; employees, public, students, kindergarten, or visitors).			
		E. Provide DSA application # for existing toilet rooms that were previously upgraded (Note: application #s 61,000 or higher typically comply with current code. Application #s 60,999 and lower or no application # must be upgraded to current standards if part of the POT).			
	2.	Location of all on-site and associated off-site parking and passenger drop-off zones.	1129B 1131B		
		A. Provide parking ratio for all parking indicating number of regular, accessible, van-accessible, and total. Calculate each lot separately.			
		B. Identify type of use (regular, accessible, or vanaccessible; employees, public, or visitors).			

2) 3 1	circled items drawings an appointment points of dis	gner (PD) shall address the following marked or s, and any additional plan review comments on d specifications before scheduling a back check of for access compliance (AC). Any questions or agreement must be resolved prior to back check on reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plan Set	Comments Notes Examples
Ch	eck	List 2.	SITE REQUIREMENTS			
	C.		I accessible parking spaces and passenger ones which are part of this project.			
	D.	zones that the near f	Il parking spaces and passenger drop-off at are scheduled to be made accessible in future (e.g., second project phase or t, Transition Plan implementation, etc.) and lanned year of completion.			
	E.	accessible	wide access aisles adjacent to each e parking stall and 8' wide access aisles on enger side of all van accessible parking			
	F.	Indicate lo detail.	ocation of "Tow-away" signs and specify			
	G.	Indicate lo	ocation of accessible parking stall signage fy detail.			
3.	Loc	ation of all	drinking fountains on site.	1117B.1		
	A.		I drinking fountains which are part of this rovide hi-low units in alcoves.			
	B.	made acc project ph	Il drinking fountains that are scheduled to be sessible in the near future (e.g., second hase or increment, Transition Plan station, etc.) and indicate planned year of in.			
	C.	Identify al	I existing drinking fountains.			
	D.		pe of use (single, multi, or hi-low unit; adult n's height).			
	E.	fountains applicatio current co	that were previously upgraded (Note: n #s 44,000 or higher typically comply with ode. Application #s 43,999 and lower or no n # must be upgraded to current standards if e POT).			
4.	Loc	ation of all	public telephones.	1117B.2		
	A.	Identify al project.	I public telephones which are part of this	11175.2		
	B.	made acc project ph	I public telephones that are scheduled to be sessible in the near future (e.g., second nase or increment, Transition Plan station, etc.) and indicate planned year of n.			
	C.	Identify al	I existing public telephones and indicate ce status.			
5.	Loc	ation of all	-	1133B.5		
	Α.	curb ramp	rpe of ramp (exterior, interior, covered ramp; b, built-up curb ramp).			
		•	I ramps which are part of this project.			
	C.	accessible phase or	I ramps that are scheduled to be made e in the near future (e.g., second project increment, Transition Plan implementation, indicate planned year of completion.			
		•				

2	2)) }	circled items drawings and appointment points of disa	, and any additional pl d specifications before for access complianc	as the following marked or lan review comments on e scheduling a back check te (AC). Any questions or esolved prior to back check	٢	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plan Set	Comments Notes Examples
	Che	eck	List 2.	SITE REQUIR	REMENTS				
			landings a Indicate a with an ar	ny slopes in the PC	OT that exceed 1:20 (5% top of the ramp run and				
		F.		SA application # for upgraded.	r all ramps that were				
		A. B. C.	stairs). Identify all Identify all accessible phase or i etc.) and i Identify all # for all sta	pe of stairs (exterior per of stairs which are part stairs that are scheen in the near future increment, Transition indicate planned years and airs that were previous process.	art of this project. eduled to be made (e.g., second project on Plan implementation ar of completion. provide DSA application ously upgraded. urrow and label with		1133B.4		
		A. B. C.	Identify type Identify all project. Identify all made acceproject phimplement completion Identify all compliance Provide D	I elevators or lifts what I elevators or lifts the essible in the near that ase or increment, The tation, etc.) and indental in the existing elevators are status with current in the estatus with es	icate planned year of or lifts and indicate		1116B		
2.7	dasł	ned	or dotted lir	Il accessible paths one (* * * *) on site requirements.	of travel (POT) by plans. See <i>Checklist</i> 3				
2.8	Prov	•	Accessible a barrier for level changes slope, or ver max. and resistant, services not extravel is less according to the contractor travel have	ree access route of ges exceeding ½" be ertical level change at least 48" wid stable, firm, and snowceed 2% and slop as than 5% unless of to verify that all bate been removed of project, and path	ni: ndicated on plan is without any abrupt beveled at 1:2 max. is not exceeding 1/4" e. Surface is slip mooth. Cross slope in the direction of otherwise indicated. In will be removed of travel complies				

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plan Set	Comments Notes Examples					
Check List 2. SITE REQUIREMENTS									
2.10	Provide relevant spot elevations along the POT on site plan. At a minimum show elevations at:								
	Interior finished floor of buildings.								
	Exterior entrance door landings.								
	3. Along sloped walks in intervals of 100 ft max. (on POT).								
	4. Site entry points.								
	5. Ramp landings (top, bottom, intermediate).								
	6. Curb ramps (top, bottom).								
	7. Elevator landings.								
	8. Accessible parking and passenger drop-off zones.								
	9. Drinking fountains.								
	10. Exterior counters								
2.11	Specify all surface materials (existing and new) along and adjacent to the POT. Separate different surface areas by lines.								
2.12	Identify all level changes between materials which exceed $\frac{1}{4}$ " vertical or $\frac{1}{2}$ " (if beveled at 1:2) in height along and adjacent the POT.	1133B.7.1							
2.13	Indicate all ground floor entry/exits that are required to be accessible.								
2.14	Indicate all existing and proposed curb cuts or curb ramps that are in the POT. If new, specify details. If existing, indicate conditions (slope, width, landings) to show compliance status.								
	(E) Ramp Slope 8% Flares Slope 9.5% Ramp Width 49" Top Landing 51"x 49" @1.8% Bottom Landing 48"x49" @ 4.1%								
2.15	Indicate warning curbs and tactile/visual indicators and specify detail.	1133B.8							
2.16	Where gates occur within the POT, gap between ground surface and bottom of swing gate cannot exceed 3". Indicate how gate will be used: Specify lever hardware and smooth surface at bottom 10" of gate (e.g. kick plate)	1133B.1.1.1.4							
	1. If gate is used as exit only, comply with exit door requirements (panic hardware and exit signs may be required to coordinate with Fire & Life Safety).	1003.3.2.1							

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plan Set	Comments Notes Examples
	Check List 2. SITE REQUIREMENTS			
	2. If gate is used as entrance and exit, comply with exit door and general door requirements (panic hardware and exit signs may be required to coordinate with Fire & Life Safety). Specify door schedule number and detail (landings, hardware, kick-plate, strike edge clearance, clear opening). Provide lever hardware or provide sign on or adjacent to gate stating "GATE IS TO REMAIN LOCKED IN THE OPEN POSITION DURING REGULAR BUSINESS HOURS AND DURING ANY OTHER PUBLIC FUNCTION". Characters shall be in 1" capital letters.	1133B.1.1.1.4		
2.17	Indicate location of all exterior directional signs and specify detail.	1127B.3		
2.18	Provide enlarged plan of area or element in 1/4" scale.			

	3	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Ch	eck List 3. ACCESSIBLE PATH OR TRAVEL			
3.1	app	additional scoping requirements and exceptions see also blicable DSA/AC Preliminary Review Checklists, ecklist 1 and Checklist 2.			
3.2		e accessible path of travel (POT) must, to the maximum ent feasible, coincide with the route for the general public.	1114B.1.2		
3.3	are	icate POT (dashed or dotted line) from and to the following as (if necessary, modify scoping of the project accordingly I indicate clearly on drawings how this requirement is met):			
	1.	From public transportation stops and cross walks in the public rights-of-way serving the area adjacent to a site entry point.	217-P CA Streets & Highways		NOTE: The PD must clearly demonstrate and docume an effort in requesting tha
	2.	From all appropriate site entry points that serve pedestrians (e.g., public transportation stops, cross walks, etc.) to the area of new construction or alteration, starting at the property line.	Code §5610	Code §5610 the entity hold (or control) right-of-wa or a country	the entity having authority (or control) over the public right-of-way (such as a cit or a county) provide the necessary improvements
	3.	From accessible parking serving the area to the area of new construction or alteration.			alterations needed to comply with accessibility. such request is denied by
	4.	From passenger drop-off zones to the area of new construction or alteration.			the entity having authority (or control) over the public
	5.	From visitor arrival or sign-in points to the area of new construction or alteration.			right-of-way, that denial must be documented and entered into the DSA proj
	6.	From accessible restrooms serving the area to the area of new construction or alteration.			file.
	7.	From drinking fountains serving the area to the area of new construction or alteration.			
	8.	From public telephones serving the area to the area of new construction or alteration.			
	9.	From and to elevators serving the site's POT.			
	10.	From exterior activity areas serving the area (e.g., plazas, playgrounds, vista points, etc.) to the area of new construction or alteration.			
	11.	From all other essential function areas serving the area to the area of new construction or alteration.			
	12.	Between all areas of new construction or alteration.			
3.4	Indi	icate width of POT at this location:			
	1.	48" min for sidewalks and walks (60" preferred or if occupancy load is > 300). See Checklist 6 for exceptions and additional requirements.	1133B.7.1		
	2.	48" min for curb ramps (60" preferred). See Checklist 5 for exceptions and additional requirements.	1127B.5.2		
	3.	48" min for ramps, or 60" min if serving an occupancy load of >300). See Checklist 7 for exceptions and additional requirements.	1133B.5.2.2		

3	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 2 ^u u.o.n.)	Location of Item on Plans	Comments Notes Examples
С	heck List 3. ACCESSIBLE PATH OR TRAVEL			
4.	. 36" for corridors and hallways if serving an occupancy load of <10, or 44" min (60" preferred). See Checklist 9 for exceptions and additional requirements .	1133B.3.1		
5.	. 44" min within a multi accommodation toilet room from and to accessible compartments.	1115B.7.1.4		
6.	36" min within a single accommodation toilet room, from and to doors, fixtures and controls.	1115B.7.2		
7.	. 36" min at aisles serving cross aisles on one side only.	1133B.6.2		NOTE:
8.	44" min at aisles serving cross aisles on both sides.			Chapter 10 may require 44" aisle width in B and M occupancies, and in assembly occupancies without fixed seats, where seats, tables, furnishings, displays and similar fixtures or equipment are placed on both sides of the aisle.
9.	36" min at aisles in A (without fixed seating), B, and M occupancies if seats, tables, furnishings, displays and similar fixtures or equipment are placed on only one side of the aisle.	1004.3.2.2.2		
10	 44" min at aisles in A (without fixed seating), B, and M occupancies if seats, tables, furnishings, displays and similar fixtures or equipment are placed on both sides of the aisle. 	1004.3.2.2.2		
	oor (in any position) reduces required width of corridor or allway more than 50%. Modify design.	1004.3.3.2 1004.3.4.2		
	rovide and indicate the following dimensions when the POT nanges direction or turns around an obstruction:	11B-5E		
1.	90 degree turns can be made from a 36" wide passage into another 36" passage if the depth of the obstruction is >48" on the inside dimensions of the turn.			
2.	U-turns around an obstruction less than 48" wide can be made if the passage width is 42" min. and the base of the U-turn space is 48" min. wide.			
, 36	** >48" 36" * 42" * <48" 42"			NOTE: If occupancy load is 10 or more, the minimum width all *dimensions must be increased to 44" min.

,	3	circled items, and any a drawings and specifical appointment for access	hall address the following marked or additional plan review comments on the complex complex complex (AC). Any questions or must be resolved prior to back check (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Che	ck List 3. ACCE	SSIBLE PATH OR TRAVEL			I
	EVO	EDTION:				
		EPTION:	ediate landings of ramps.			
		At doors.	culate landings of famps.			
3.7	Provi	de and indicate the follo	owing properties for the POT:			
		POT and adjacent areas will not accumulate on v	s must be so designed that water valking surfaces.			
	2 . F	POT surface must be sl	ip-resistant, stable, and firm.	1133B.7.1		
			nd vibration free (cobble stones, urds, etc should not be used).	1124B.1		
3.8	All er	ntrances and ground flo	or exits must be accessible.	1133B.1.1.1.1		
	EXC	EPTION:				
			its serving smoke–proof nd exit doors servicing stairs only.			
	6 6 6	and which are more tha doors shall have visual an arrow and/or text, the exit. The warning sign s	required by Section 1114B.2.1, n 24 inches above grade. Such sign which indicates, by means of e location of the nearest accessible hall comply with Section 1117B.5 cation so steps do not need to be			
	t e F	determines that complia this section would creat exception shall be grant provided. Equivalent fac	ere the enforcing agency nce with the building standards of e an unreasonable hardship, an ed when equivalent facilitation is illitation would require at least one le to and usable by persons with			NOTE: Jurisdictional findings and determinations are subject to an internal DSA appea process.
	r		en legal or physical constraints will equivalent facilitation without le hardship.			
3.9	requi the b landii	red to be accessible (ei uilding or by a symbol (es and ground floor exits that are ther by extending the POT line into e.g., ▶). Provide strike edge and entrance on plan or provide the in:			
	•	triangular symbol (▶ and comply with CB	es and exits identified with a -) on this plan are accessible C 1133B.1.1, including			
			; dge clearance at pull side of door latch, 36" for hinge approach);			
		•	% slope max on exterior side,			
			old, hardware, closer, kick-plate;			
			ior side of entrance.			

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 3. ACCESSIBLE PATH OR TRAVEL			
3.10	Vertical change in POT cannot exceed 1/4". Provide curb ramp, ramp, elevator, platform lift, or remove element at this location, or provide equally convenient, alternative POT.	1124B.2		
3.11	Level change in POT between 1/4" and 1/2" must be beveled at 1:2 max. slope. Provide curb ramp, ramp, elevator, platform lift, or remove element at this location, or provide equally convenient, alternative POT.	1124B.2 1133B.7.4		
	EXCEPTION:			
	 a. At the bottom of a curb ramp, serving a pedestrian crossing, the 1/2" lip must be beveled at 1:1 slope (45°). b. Where DSA determines unreasonable hardship, existing thresholds 3/4" high or less, may remain if they have (or are modified to have) a beveled edge, sloped at 1:2. 	ADAAG 4.1.6(3)(d)(ii)		NOTE: Thresholds in excess of 3/4" must be mitigated by means of a ramp or slopes walk.
3.12	Level change in between pedestrian area and adjacent surface exceeds 30" in height. Specify and provide detail for guardrail (42" AFF).			
3.13	Indicate condition of level change in between pedestrian area and adjacent surface. If drop exceeds 1/4" in height specify and provide one of the following details:			
	1. Abrupt vertical drops between 1/4" and 4".			
	2. 6" high warning curb if vertical drop exceeds 4" within 24" of the edge or the pedestrian way.			
	EXCEPTION:			
	 a. Between a walk or sidewalk and a street or driveway. b. If adjacent grade is higher than pedestrian way. c. If cane detectable handrails, guardrails, or wheel-guides are provided. 			
	6" high curb Curb at vehicular way			
3.14	Grating should not be located in the POT.	1133B.7.2		
	EXCEPTION:			
	 a. In alteration projects, when DSA finds unreasonable hardship and when equivalent facilitation is provided. b. Where, due to legal or physical constraints, the site of the project will not allow compliance with this requirement or 			NOTE: Jurisdictional findings and determinations are subjec to an internal DSA appeals process.

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 3. ACCESSIBLE PATH OR TRAVEL		•	
	equivalent facilitation without creating an unreasonable hardship.			
3.15	Identify location of all gratings within the POT and provide cut sheet of gratings for back check review. Grate openings cannot exceed 1/2" in direction of traffic flow. Alternate direction of grate openings in plazas, courts, and other wide pedestrian areas.	1133B.7.2		
3.16	Provide detail for expansion joints, control joints, score marks, etc, if they occur in the POT. Indicate width to be 1/2" max and filling to be a firm, compressible, elastic material that is substantially level with the surface of the POT.			
3.17	Wall mounted object with bottom edge between 27" and 80" above the ground protrudes more than 4" into pedestrian circulation area.	1133B.8.6		
	Provide cane detectable rails.			
	2. Provide detectable warning surface.			
	3. Remove, relocate or modify protruding object.			
3.18	Post or pylon mounted object with bottom edge between 27" and 80" above the ground protrudes more than 12" into pedestrian circulation area.	1133B.8.6		
	Provide cane detectable rails or detectable warning surface.			
	2. Remove, relocate or modify protruding object (4" max protrusion preferred).			
	PROTECTED TO DESCRIPTION OF THE PROJECTION OF TH			
3.19	Section of handrail extension cannot be detected:			
J. 13	Provide detectable rail section (e.g. by providing a rail at 6" AFF.)			
				,

	circled items, drawings and appointment points of disa	ner (PD) shall address the following marked or and any additional plan review comments on d specifications before scheduling a back check for access compliance (AC). Any questions or agreement must be resolved prior to back check in reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 3.	ACCESSIBLE PATH OR TRAVEL			
	2. Modify stair de	sign.			
	>27"	Undetectable portion of rail (shaded).			
		Compliant Designs			
3.20	POT cannot extend own.	behind parked vehicles, other than their	1129B.4.3		
3.21	provide directional sparking, building, or to facilitate reading	complicated accessible path of travel, signs, indicating the direction to accessible r outside facilities. Sign should be designed by persons with partially impaired vision. st and character proportion is critical.	1117B.5		
3.22	Provide detectable	warnings at transit boarding platform.	1133B.8.3		
3.23	Provide detectable boarding platform.	directional (truncated bars) texture at transit	1133B.8.4 Fig. 11B-23B		
3.24	0.2 5 5 23	yarnings at hazardous vehicular areas. 2.35 60 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	1133B.8.5		

Ŀ	circled items, and drawings and speapointment for a	(PD) shall address the dany additional plan recifications before schaccess compliance (Alement must be resolveriewer (PR).	eview comments on eduling a back check C). Any questions or	Justification, Reference, or Code Citation (C.C.R. Title 24 u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 4. A	CCESSIBLE PA	ARKING, PASSENG	ER LOADING, A	ND BUS	STOPS
1.1	For additional scoping applicable DSA/AC ProChecklist 1.					
ACCE	SSIBLE PARKING			1129B		
4.2	Indicate location and la plan and connect dash					
4.3	Provide separate parki Indicate name of lot, to stalls, and regular acce	tal number of stalls				
4.4	Provide enlarged plan layout, including assoc location of water drains contract.	iated sidewalks, cui	b ramps, and	Title 24, Part 1, 4-317		
4.5	Provide the following n spaces at this lot (calculate)					
	Total	Required	Including	TABLE 11B-6		
	Parking in Lot	Accessible	Van Accessible			
	1-25 spaces	1 space(s)	1			
	26-50	2	1			
	51-75	3	1			
	76-100	4	1			
	101-150	5	1			
	151-200	6	1			
	201-300	7	1			
	301-400	8	1			
	401-500	9	2			
	501-1,000	Two % of total	(1 in 8)			
	1,001 and over	Twenty plus one or fraction thereo				
	EXCEPTION:					
	outpatient units an b. Provide 20% of the	e total number of pa specialize in treatme	rking spaces at units	1129B.3		
4.6	One (1) of every eight van accessible but not		es is required to be			
4.7	Provide accessible ele	ctrical vehicle charg	ing station.	DSA IR #97-03		
4.8	Consider relocating ac spaces must be located travel from adjacent pathat required stalls nee They may be provided	d on the shortest ac irking to an accessil d not be provided ir	cessible route of ole entrance. Note on the particular lot.	#97-03 1129B.1		

	4	;	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).		Justification, Reference, or Code Citation (C.C.R. Title 24,	Location of Item on Plans	Comments Notes Examples
	Ch	eck	List 4. ACCESSIBLE PARKING, PASSEN	IGER L	OADING, A	ND BU	S STOPS
			accessibility, in terms of distance from an accessible e, user cost and convenience is ensured.				
4.9	buil	ding	parking lots serve accessible entrances of several sor different areas on site, accessible parking spaces dispersed and located closest to the POT.				
4.10	not		nge parking layout so that persons with disabilities are pelled to wheel or walk behind parked cars other than n.				
4.11			d typical parking detail is not similar to actual parking Modify.				
4.12			stalls and aisles: provide and indicate the following ons and elements on plans:		1129B.4		
	1.		vide access aisles on the passenger side of each van cessible parking stall.				
	2.	5' v stal	vide access aisles adjacent to each accessible parking				
	3.	18'	long parking stalls and access aisles.				
	4.	2%	max slope in any direction at stalls and aisles.				
	5.		6" square International Symbol Accessibility on rement at rear of stall.				
	6.		gonal stripes in the access aisle, 3" wide, in blue or te, at 36" o.c.				
	7.	Pos	st or wall mounted accessible parking stall signs:		1129B.5		
		A.	Signs must be located at the interior end of the accessible stall, with the bottom at 80" min AFF.				
		B.	Signs must be reflectorized, 70 square inch min, with a white ISA on blue background.				
		C.	Van stalls must have additional language stating "Van Accessible" below the ISA.				
	8.	"То	w-away" signs		1129B.5		
		A.	Post in a conspicuous place at each entrance to off– street parking lot, or immediately adjacent to and visible from each designated stall.				
		B.	Sign must be 17" x 22" min., with letters 1" in height min.				
		C.	Sign must state: "Unauthorized vehicles parked in designated accessible spaces not displaying distinguishing placards or license plates issued for persons with disabilities may be towed away at owner's expense. Towed vehicles may be reclaimed at or by telephoning"				
		D.	PD to provide contact info on plans.				

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).		Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 4. ACCESSIBLE PARKING, PASSEI	NGER L	OADING, A	ND BU	S STOPS
	9. All parking wheel stops, 24" from curb, if walkway is less than 6' wide. Recommendation: when provided, wheel stops should be a contrasting color to surrounding surface.				
	Provide the words "NO PARKING" in each access aisle, painted in 12" high letters.		1129B.4.1&2		
4.13	Curb ramps with slopes greater than 2% cannot be within the 18' long access aisle. Provide curb cut instead of built-up curb ramp or redesign parking layout (see Fig. 4-B).		ADAAG 4.6.3		
4.14	POT to parking: provide and indicate the following dimensions and elements on plans:		See figures at the end of		
	 The access aisle must either be level with the accessible route or have a curb ramp. Provide spot elevations. 		this Checklist		
	2. Curb ramp opening must be located within the access aisle boundaries, not within the parking space boundaries.				
	3. 48"x48" min level top landing at curb ramp.				
	 Omit 1/2" lip and truncated domes at ramp if used to access parking aisle only. 				
	 In new construction: provide depressed curb ramp (case 'C') if walkway is less than 11'-11" (see also Checklist 5). 				
4.15	Provide and indicate 98" min (8'-2") vertical clearance at vehicle routes to and from van accessible parking stalls.				
4.16	At parking areas controlled by ticket dispensers provide accessible parking spaces for persons with disabilities outside the controlled area so that these inaccessible dispensers do not create an architectural barrier.		DSA IR #97-06		
PARK	ING STRUCTURES				
4.17	Provide accessible parking stalls with a 98" min (8'-2") vertical clear vehicle way to and from these accessible parking stalls.		1130B ADAAG 4.6.5		
	EXCEPTION:				
	 Where DSA determines that compliance with the height requirement would create an unreasonable hardship, an exception may be granted when equivalent facilitation is provided. 				NOTE:
	 In existing buildings where DSA determines that, due to legal or physical constraints, compliance with the height requirement or equivalent facilitation would create an unreasonable hardship. 				Jurisdictional findings and determinations for exception (b) are subject to an internal DSA appeals process.

4	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).		Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 4. ACCESSIBLE PARKING, PASSEI	NGER L		ND BU	
4.18	In multi-story parking structures, provide van accessible stalls on the following levels:				
	 All floor levels that have accessible walks or ramps leading to the exterior. 				
	2. All floor levels that have accessible walks (incl. skywalks) or ramps leading to adjacent buildings.				
	3. All floor levels that have additional benefits or amenities, such as electrical charging stations, better security, scenic views, or other public accommodations such as shops, telephones, smoking areas, long-term parking, etc.				
4.19	Provide sign at all vehicle entrances indicating 98" min (8'-2") vertical clearance to and from accessible parking stalls.				
4.20	Locate accessible parking closest to elevator or ramp.				
PASS	ENGER LOADING				
4.21	Provision of valet parking does not eliminate any of the requirements for accessible parking (i.e. provide all features to allow self parking)		1131B.3		
4.22	Indicate type, location, and layout of all passenger drop-off and loading zones on site plan.				
4.23	Where provided, passenger drop-off and loading zones must be made accessible at this site and connect dashed POT to area.				
4.24	Provide enlarged plan in 1/4" scale representing the actual layout, including associated sidewalks and curb ramps, for all accessible passenger loading under this contract. Provide and indicate:				
	1. 5'x20' (8'x20' preferred) access aisle adjacent and parallel to the vehicle pull–up space.				
	2. Access aisle and vehicle pull–up space must be level (2% max in any direction).				
	3. A curb ramp, if there is a curb between the access aisle and the vehicle pull–up space, or if there is a curb between the access aisle and the POT.		1131B.2.1		
	4. Vertical clearance of 114" min at one vehicle access route to such zones (from site entrances and exits).				
	 Design of identifying signage should be different than that used at accessible parking spaces (e.g., by providing a post-mounted sign with the ISA and stating "Passenger Loading Only – No Parking"). 				
4.25	Where valet parking is provided, provide accessible passenger drop off zone.				

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).		Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 4. ACCESSIBLE PARKING, PASSE	NGER L	OADING, A	ND BU	S STOPS
BUS S	STOPS				
4.26	Provide accessible bus stop and pad.		1131B.4		

	Check List 4. ACCESSIBLE PARKING, PASSEI	NGER L	OADING, A	ND BU	S STOPS	
BUS S	TOPS					
4.26	Provide accessible bus stop and pad.		1131B.4			
4.27	Indicate location and layout of all accessible bus stops on site plan and connect dashed POT to bus stop pad.					
4.28	Provide and indicate an 8' long by 5' wide (8' preferred) bus stop pad (8' measured perpendicular to curb and 5'. measured parallel to curb).		ADAAG 10.1.2(1)			
4.29	In new construction: provide a square curb surface between the pad and road or other detectable warning (provide detail).					
4.30	The slope of the pad perpendicular to the roadway must be less than 2%.					
4.31	The slope of the pad parallel to the roadway must be the same as the roadway.					
4.32	Provide 30"x48" clear wheelchair space within bus stop shelter and connect space to bus stop pad and POT.					
)

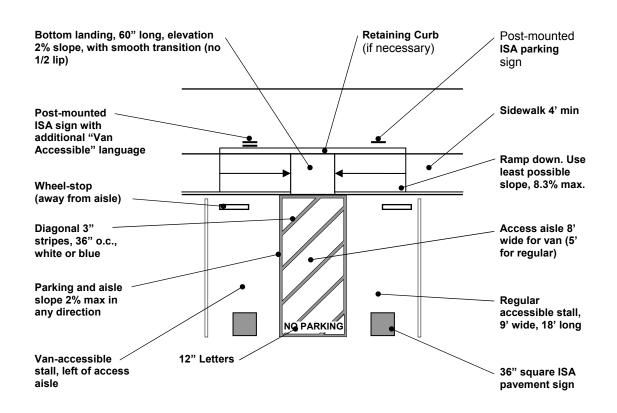


Fig 4-A. Depressed Curb Ramp at Accessible Parking (Typical)

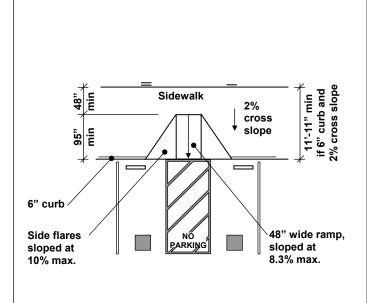
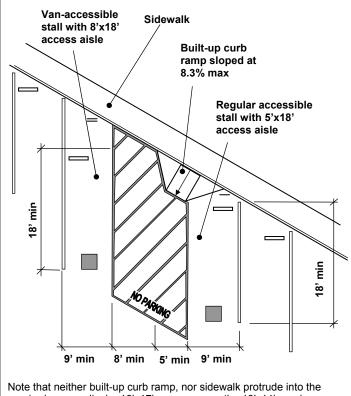


Fig 4-B. Curb Cut at Accessible Parking



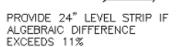
required, perpendicular 18'x17' van space, or the 18'x14' regular space.

Fig 4-C. Built-up Curb Ramp at **Accessible Angled Parking**

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 5. CURB RAMPS AND PEDESTRIAN CF	ROSSINGS		T
5.1	For additional scoping requirements and exceptions see also applicable DSA/AC Preliminary Review Checklists and Checklist 1.			CURB RAMP is a sloping pedestrian way, intended the pedestrian traffic, which provides access between
CURE	RAMPS			walk or sidewalk to a surface located above or
5.2	Indicate location and layout of all curb ramps on site plan.			below an adjacent curb face.
5.3	Provide and indicate curb ramp at this location.	1127B.5.1		CURB CUT is an
5.4	Provided typical curb ramp detail is not similar to actual layout. Modify to provide dimensioned detail in 1/4" scale representing the actual layout, including associated sidewalks, for all accessible curb ramps under this contract.			interruption of a curb at a pedestrian way, which separates surfaces that ar substantially at the same elevation.
5.5	Curb ramps cannot project into vehicular traffic lanes or into the 18' long access aisle of accessible parking spaces.			
5.6	Indicate 48" min width (60" preferred) exclusive of side flares.	1127B.5.2		
5.7	Provide spot elevations at top and bottom of curb ramp and at relevant spots on sidewalk. +8.9" +8.9" +7.9" 10% at curb 10% 00 0.0" Fig. (0.0" preferred) Sample of Typical Curb Ramp Elevations			
5.8	Indicate curb ramp slope. Use <u>least possible</u> slope but never more than 8.3% max.	1133B.5.1 ADAAG 4.7.2		
5.9	If lengthening of curb ramp run is technically feasible at this location, decrease slope to the least possible.			
5.10	Indicate side flare slope (10% max., or 8.3% max. if top landing is less than 48".)			
5.11	Indicate counter slope of adjoining gutters or road surface at the bottom of and immediately adjacent to the curb ramp (5% max. for 48" in the direction of travel.)			

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).		Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 5. CURB RAMPS AND PEDESTRIAN	CROS	SINGS		
5.12	Recommendation: Provide a 24" wide level area at the bottom of the ramp, if the algebraic difference of ramp and counter slopes is greater than 11%.				

5% <u>M</u>AX



5.13 Provide and indicate detectable warning surface (i.e. in-line truncated domes) at regular curb ramp if slope is between 0.0% and 6.7%. Domes must extend the full width and length of the curb ramp, excluding the flares.

8.33% MAX

Ramp down
Sidewalk

Gutter

Street

Truncated domes surface

Regular Curb Ramp

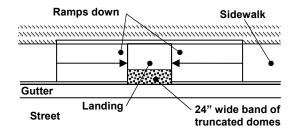
EXCEPTION:

 No domes are required in cases where curb ramps do not serve crosswalks and where domes would mislead persons with vision impairments or guide dogs (e.g., at curb ramps serving accessible parking spaces.) 1127B.5.8
ADAAG 4.7.7

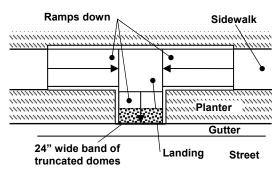
NOTE:
As of July 26, 2001,
ADAAG requires the
provision of truncated
domes on all curb ramps,
regardless of slope.
Compliance with this
requirement rests with the
Project Designer.

Check List 5. CURB RAMPS AND PEDESTRIAN CROSSINGS

5.14 Provide and indicate detectable warning surface (i.e. in-line truncated domes) at depressed and combination curb ramp if slope is between 0.0% and 6.7%. Provide 24" wide band of truncated domes between pedestrian area and vehicular way.



Depressed Curb Ramp



Combination Curb Ramp

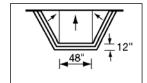
- **5.15** Recommendation: Provide raised truncated domes in an in-line pattern, rather than an off-set pattern.
- **5.16** Recommendation: Provide stamped or formed concrete dome surface, rather than glue-down rubber mats.
- 5.17 In new construction, and if rubber mats are used, recess material to be flush with surrounding surfaces (either to top of base material or to top of dome as shown.)

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 5. CURB RAMPS AND PEDESTRIAN CR	ROSSINGS		_
	Domed mats Not Recommended Domed mats Recess base Recommended (at exterior locations) Domed mats Beveled recess Surrounding pedestrian surface Surrounding pedestrian surface			
5.18	Recommended (at enclosed locations) Indicate how truncated dome surface contrasts visually with adjoining surfaces. Use either a light-on-dark, or dark-on-light contrast.			NOTE: Fully-recessed domed may should be protected from any standing water, snow
5.19 5.20	Pending: Detectable warning material should have UL certification (Underwriters Laboratories Inc.). Provide dimension on plan, indicating that the 48" landing at the bottom of the curb ramp is fully contained within marked	1127B.5.10 ADAAG 4.7.9		potential ice buildup.
5.21	Revise layout to provide 48" long level top landing or slope flares at 8.3% max.			
5.22	Curb ramp reduces POT on sidewalk to less than 48" width. Consider using depressed or combination curb ramp.			NOTE: The length of a cub ramp (sloped 8.3%) at a regular sidewalk with 2% cross
5.23	Provide and indicate 1/2" lip (beveled 45°) at bottom of curb ramp. EXCEPTION: a. No lip is required in cases where curb ramps do not serve crosswalks and where the lip would mislead persons with vision impairments or guide dogs (e.g., at curb ramps serving accessible parking spaces.) b. Projects under DSA jurisdiction and that are federally funded may omit the lip if the slope exceeds 6.7% (1:15) or if a 24" wide band of truncated domes (in-line pattern) is installed at the bottom of the ramp. c. No lip is required when truncated domes are provided instead.	DSA IR #97-05		slope and a 6" curb is 95".

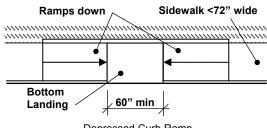
Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples	
---	--	------------------------------	-------------------------------	--

Check List 5. CURB RAMPS AND PEDESTRIAN CROSSINGS

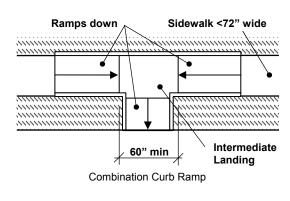
5.24 Provide 12" wide grooved border around upper edges of curb ramp and flares to indicate transition from sidewalk to curb ramp.



- **5.25** Provide 12" wide grooved border as part of level walkway, not as part of sloped curb ramp and flares. Modify detail.
- **5.26** Indicate how curb ramp and flare surfaces contrast with adjoining surfaces. DSA will accept the following methods:
 - Provide heavy broom brush, perpendicular to ramp run, and provide a 33% min. light-dark contrast to adjacent sidewalks, gutter or street surfaces by coloring the concrete of the new curb ramp either dark gray or light gray. Or,
 - Provide truncated domes surface on curb ramp, with a 33% light-dark contrast to adjacent sidewalks, gutter or street surfaces (Note: truncated domes should not be used on curb ramps serving solely parking aisles.
- **5.27** Provide and indicate 60" min. wide bottom or intermediate landing at depressed or combination curb ramp if sidewalk/ramp is less than 72" wide.



Depressed Curb Ramp



		П			
	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).		Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 5. CURB RAMPS AND PEDESTRIAN	CROS	SINGS		
PEDE	STRIAN CROSSINGS				
5.28	Recommendation: Provide marked crossing.				
5.29	Provide dimension on plan, indicating a 24" straight curb segment, perpendicular to the direction of the cross walks.		1127B.5.10 ADAAG 4.7.10		
5.30	The 24" straight curb segment must be within the marked crossing.				
5.31	The bottom edge of the curb ramp should be perpendicular to the direction of the crosswalk.				
	EXCEPTION:				
	a. At diagonal curb ramps.b. Where alignment of the curb ramp with the direction of the crosswalk would create excessive cross slope and warping.				
5.32	Provide level cut through at pedestrian island (median), or provide a crowned cut through sloped at 8.3% max. with a 48" wide top landing.				
£ 22	Provide and indicate a level 30"v48" enace centered and				
5.33	Provide and indicate a level 30"x48" space, centered and parallel to the pedestrian signal push button.				
5.34	Indicate height of pedestrian signal push button (48" max, 40" preferred). Parallel		1117B.5.9		
5.35	 Provide and indicate the following at pedestrian signal push button: Activating force must be 5 lbs. or less. Push button must be 2" min. in at least one dimension. Textured horizontal yellow band 2" wide encircling the pole, and a 1" wide dark border band above and below this yellow band. Color-coding should be placed immediately above the control button. 				

[4	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	by fax to plan reviewer (PR). Check List 5. CURB RAMPS AND PEDESTRIAN			Ŏ Ž Ď
	CHECK LIST 3. CORB RAIMF 3 AND FEDESTRIAN	CROSSINGS		
	DED TRANSITIONS	44000.0.5		
5.36	Where a walk crosses or adjoins a vehicular way, and the walking surfaces are not separated by curbs, railings, or other elements between the pedestrian areas and vehicular areas, the boundary between the areas must be defined by a continuous, yellow, 36" wide detectable warning stripe that differs from adjoining walking surface in resiliency or sound on cane contact.	1133B.8.5 ADAAG 4.29.5		
	Walk			
	36" wide band of truncated domes. Pedestrian crossing			
5.37	Recommendation: The detectable warning surface should be located so that the edge nearest the curb line is between 6" and 8" from the curb line.			
PEDES	STRIAN OVERPASSES AND UNDERPASSES			
5.38	Pedestrian ramps on pedestrian grade separations must comply with the requirements for ramps.	1128B		
	EXCEPTION:			NOTE: Jurisdictional findings and
	 a. When the grade differential of the walking surface of a pedestrian grade separation exceeds 14 feet due to required height clearance and grade conditions, and DSA finds that wheelchair accessibility or equivalent facilitation would create an unreasonable hardship, such accessibility need not be provided. However, the requirements in these regulations relating to other types of mobility shall be complied with. b. For existing facilities, this section shall not apply where, due to legal or physical constraints, the site of the project will not allow compliance with these regulations or equivalent facilitation without creating an unreasonable hardship. 			determinations are subject to an internal DSA appeals process.
5.39	Provide and indicate level landings at pedestrian over- and underpasses:			
	1. Every 30" of vertical rise, if slope is greater than 5%.	1133B.5.4.1		
		1		1

2. Every 400' if slope is between 2% and 5%.

1133B.7.6

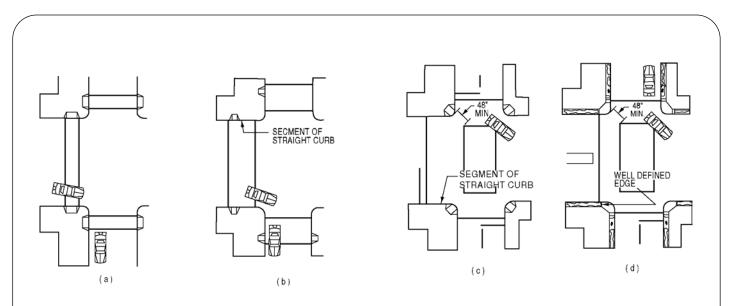


Fig 5-A. Typical Pedestrian Crossing Layouts

Height of Curb Face	1:12 Flare Width at Curb	Ramp Run Length (Plan)*	Total Needed Sidewalk Width (incl. 4' Landing)
4" (10.2 cm)	48" (1.22 m)	63" (1.6 m)	111" (2.82 m)
5" (12.7 cm)	60" (1.53 m)	78" (1.98 m)	126" (3.2 m)
6" (15.2 cm)	72" (1.83 m)	95" (2.41 m)	143" (3.63 m)
7" (17.8 cm)	84" (2.13 m)	111" (2.82 m)	159" (4.04 m)
7.5" (19.0 cm)	90" (2.29 m)	118.5" (3.01 m)	166.5" (4.23 m)
8" (20.3 cm)	96" (2.44 m)	126" (3.2 m)	174" (4.42 m)

^{*)} For ramp sloping 8.3% on sidewalk with 2% cross slope

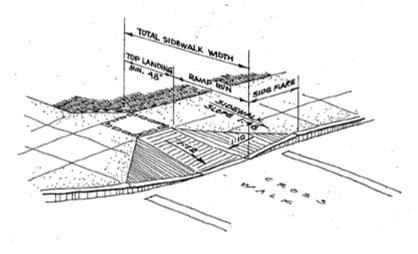


Fig 5-B. Sidewalk Width Requirement

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 6. WALKS AND SIDEWALKS			
6.1	For additional scoping requirements and exceptions see also applicable DSA/AC Preliminary Review Checklists and Checklist 1.			SIDEWALK: is a surfaced pedestrian w contiguous to a street used by the public.
6.2	All walks and sidewalks under this contract must be made accessible (i.e. those that are to be newly constructed or altered, or part of the required POT).	1114B.1.2		WALK: is a surfaced pedestrian w not located contiguous to
	EXCEPTION:			street used by the public.
	In alteration projects, when DSA finds unreasonable hardship and when an alternative accessible POT is provided.			
6.3	Provide and indicate enlarged detail of surface material transition at:			
	Any change in surface material.			
	2. Where new construction meets existing surface.			
	Vertical change in POT cannot exceed 1/4". Level changes in POT between 1/4" and 1/2" must be beveled at 1:2 max slope.	1133B.7.4		
6.4	Provide and indicate continuous common surface material to be slip resistant, stable, firm and vibration free (bricks, cobble stones, rough pavers, wood boards, etc should not be used).	1133B.7.1 1124B.1		
6.5	Decomposed stone surfaces are not recommended. However, DSA may approve such surfaces for certain outdoor activity areas if decomposed stone (e.g., granite) is compressed at 95% min.			
6.6	Provide and indicate width of walk or sidewalk at this location.			NOTE:
	1. 48" min (60" preferred).	1133B.7.1		Required sidewalk width must be measured
	2. 60" min if occupancy load is > 300.			exclusive of the curb.
	3. 60" min. wherever a person using a wheelchair may have to make a turn to access elements or equipment (e.g., at doors, gates, tables and seating accommodations, dispensers, drinking fountains, mail boxes, telephones, etc.).			Gutter/Street Sidewalk
	4. 60" min if there are no passing spaces, measuring 60"x60" min, located at reasonable intervals not to exceed 200'.	1133B.3.2 ADAAG 4.3.4		Face
	EXCEPTION:			6". As req. typ.
	a. When, because of right–of–way restrictions, natural barriers or other existing conditions, DSA determines that compliance with the 48" clear sidewalk width would create an unreasonable hardship, the clear width may be reduced to 36".			
	b. When, because of right–of–way restrictions, natural barriers or other existing conditions, DSA determines that compliance with the 60" clear sidewalk width would create an unreasonable hardship, the clear width may be reduced to 48". This exception cannot be applied to reduce the required occupancy load width.			

	circled items drawings and appointment points of disa	gner (PD) shall address the following marked or , and any additional plan review comments on d specifications before scheduling a back check for access compliance (AC). Any questions or agreement must be resolved prior to back check in reviewer (PR).		Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 6.	WALKS AND SIDEWALKS			I I	
6.7	Provide spot elevat	tion at this location to show how slope net.				
6.8	Slope perpendicular to the direction of travel (cross slope) must be less than 2%.			1133B.7.1.3 ADAAG 4.3.7		
6.9	At a minimum, prov	how the 2% cross slope requirement is met. vide and indicate a 48" wide portion of the . Provide section through driveway.				
	EXCEPTION:					
	barriers or othe compliance wi	e of right–of–way restrictions, natural er existing conditions, DSA determines that th the 48" clear sidewalk width would create ble hardship, the clear width may be				
6.10	Slope exceeds 5% Checklist 5 for req	. Provide curb ramp at this location. See uirements.		1133B.7.3		
6.11	Slope exceeds 5% Checklist 7 for req	. Provide ramp at this location. See uirements.				
6.12		ting area, measuring 60"x60" every 400', or in the direction of travel is 2% or less by ations.				
6.13		space, measuring 60"x60" every 200', or alk to be 60" or more.		ADAAG 4.3.4		
6.14	Provide level areas and gates.	(2% slope max in any direction) at doors		1133B.7.5		
6.15	Grating or swales s Checklist 3 for exc	should not be located in the POT. See ceptions.		1133B.7.1.3 1133B.7.2		
6.16	sheet of gratings for exceed 1/2" in dire	all gratings within the POT and provide cut or back check review. Grate openings cannot ction of traffic flow. Alternate direction of plazas, courts, and other wide pedestrian		1124B.4		
6.17	exceeds 4" in heigh	een walk/sidewalk and adjacent surface nt within 24" of the edge of the pedestrian and indicate 6" warning curb at this				
6.18		een walk/sidewalk and adjacent surface ght. Provide detail and indicate guardrail cation.				
< -			1		i l	

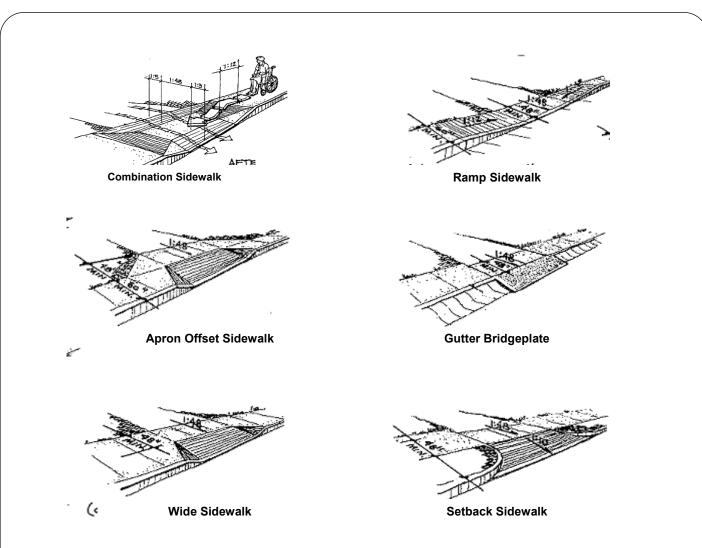
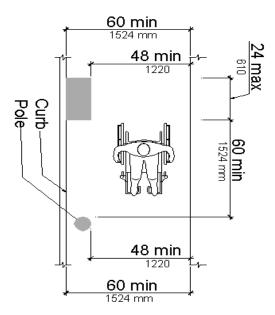


Fig 6-A. Examples of Sidewalk Driveway Connections



The preferred clear width of a pedestrian access route is 60 inches, exclusive of the width of the curb. Within the pedestrian access route, the minimum clear width of the *reduced vibration zone* shall be 48 inches, exclusive of the width of the curb.

Advisory: Designers are encouraged to provide additional width where possible, especially in high use areas such as in urban environments, near shopping centers, schools, civic facilities. It is recommended that the pedestrian access route be no less than 72 inches wide in high use areas.

Fig 6-B. Recommended Sidewalk Width

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 7. ACCESSIBLE RAMPS	, ,		
1	For additional scoping requirements and exceptions see also applicable DSA/AC Preliminary Review Checklists and Checklist 1.			
ΑМР	es			
ln	dicate location, layout, and slope of all ramps on site plan.			
Al	Il ramps under this contract must be made accessible (i.e. those that are to be newly constructed or altered, or part of the required POT).	1114B.1.2		
	EXCEPTION:			
	In alteration projects, when DSA finds unreasonable hardship and when an alternative accessible POT is provided.			
ln	dicate compliance status of existing ramp in the POT (slope, width, landings).			
Pı	rovide enlarged plan and sections (longitudinal and transversal) of ramp in 1/4" scale.			
Ty	ypical ramp detail provided is not similar to actual layout. Modify to provide dimensioned detail in 1/4" scale representing the actual layout.			
ln	dicate ramp slope. Use <u>least possible</u> but never more than 8.3% max.	1133B.5.1 ADAAG 4.8.2		
lf	lengthening of ramp run is technically feasible at this location, decrease slope to the least possible.			
R	ecommendation: ramps at facilities that primarily serve children, such as elementary schools and daycares, should not have slopes exceeding 1:16.			
SI	ope perpendicular to the direction of travel (cross slope) must be less than 2%.	1133B.5.3.1		
Pı	rovide spot elevation and ramp run dimension at this location to show how slope requirements are met.			
R	amp run cannot change direction between level landings.			
	EXCEPTION:			
	a. Circular ramps with an inside radius of 30' min.			
Pı	rovide and indicate slip-resistant surface (e.g. heavy broom brush if ramp slope is >6%)			
Pı	rovide and indicate width of ramp at this location.			
	1. 48" min (60" preferred).	1133B.5.2.1		
	EXCEPTION:			

Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
Check List 7. ACCESSIBLE RAMPS			
 a. Handrails may project into the required width of a distance of 3 1/2" from each side. b. Other projections (e.g., trim, decorative features) may project into the required width a distance of 1 1/2" from each side. 	1003.3.4.2		
2. 60" min clear, if ramp is serving entrances to buildings where the ramp is the only exit discharge path or an entrance/exit of a building with an occupancy load of 300 or more.	1133B.5.2.2 ADAAG 4.3.4		
Provide and indicate one of the following at ramp which is not bounded by a wall or which has floor-mounted support posts (or a fence with a smooth and uninterrupted surface).	1133B.5.6		
1. 2" min high curb.			
2. Wheel-guide rail centered at 3" AFF (+/- 1")			
Provide and indicate one of the following at ramp landing which is not bounded by a wall or which has floor-mounted support posts (or a fence with a smooth and uninterrupted surface) if the adjacent grade drops more than 4" vertically.	1133B.5.4.9		
 2" min high curb. Wheel guide rail centered at 3" AFF (+/- 1") 			
MP LANDINGS			
Provide and indicate dimension of top landing.	1133B.5.4.2		
60"x60" min.Level and clear (2% max at exterior ramps).			
 Provide and indicate dimension of bottom landing 72" long and as wide as the ramp, if no change in direction or less than 30°. 72" long and 60" wide, if change in direction (>30°). Level and clear (2% max at exterior ramps). 	1133B.5.4.5 1133B.5.4.6 1003.3.4.4 ADAAG 4.8.4		
 Provide and indicate dimension of intermediate landing. 60" long and as wide as the ramp, if no change in direction or less than 30°. 72" long and 60" wide, if change in direction (>30°). Level and clear (2% max at exterior ramps). 	1133B.5.4.5 1133B.5.4.6 ADAAG 4.8.4		
 Provide and indicate dimension of ramp landing at door or gate. Doors in any position cannot reduce the minimum dimension of the landing to less than 42 inches. Fully opened doors cannot reduce the required width of the landing more than 3". Required door landing size per Fig. 11B-26, but never less than 24"x60" strike edge clearance at exterior and interior doors. 	1133B.5.4.3 1003.3.4.4 DSA IR #94-18 ADAAG 4.8.4(4)		

Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
Check List 7. ACCESSIBLE RAMPS			
Level and clear (2% max at exterior ramps).			
Ramp run rises more than 30" in height. Provide landing.	1133B.5.4.1		
Increase dimension of intermediate or bottom landing to 72" long and 60" wide if change in direction of POT exceeds 30 degrees.	1133B.5.4.6		
Wheel-guide rail, curb, or other element encroaches into the required 72" long landing (below 27" AFF). Modify to provide 72" clear.			
Intermediate or A Ramp down			
bottom landing			
72" clear			
Indicate how exterior ramps and landings are designed so that water will not accumulate on walking surface.			
Transition line at bottom or top of ramp must be perpendicular to ramp run.			
CONFORMING NONCONFORMING			
Provide enlarged detail, showing smooth transition between ramp runs, landings, and existing surfaces.			
Intermediate landings should be located to divide the sloped portions of a ramp into equal sections.			
NDRAILS FOR RAMPS			
Provide handrails on both sides of ramp.	1133B.5.5.1 ADAAG 4.8.5		

Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
Check List 7. ACCESSIBLE RAMPS			I
EVOEDTION			
 EXCEPTION: a. Ramps at exterior door landings that rise less than 6" and have a projection of less than 72", and when the adjacent drop-off is less than 4". b. Curb ramps. c. Ramps immediately adjacent to seating in assembly areas. 	1133B.5.5.1 ADAAG 4.8.5		
Modify design to provide continuous handrails the full length of the ramp run, plus extensions.			
Modify design to provide continuous inside handrails at switchback or dogleg ramp.			
Top of gripping surface must be between 34" and 38" AFF.			
EXCEPTION:			
a. In projects under DSA jurisdiction, relocated portables built and constructed prior to April 1, 1994 may have ramps with handrails meeting former code requirements, 30" to 34" AFF.	DSA IR #94-16		
Recommendation: handrails at facilities that primarily serve elementary school aged children should have additional handrails at 27" AFF. It is also recommended that the vertical clearance between handrails be at least 9" in order to reduce the risk of entrapment.	Tbl. 1115B-1 ADAAG A4.8.5		
Recommendation: handrails at facilities that primarily serve kindergarten aged children should have additional handrails at 22" AFF.	Tbl. 1115B-1 ADAAG A4.8.5		
Indicate a specific height from finished floor to top of handrail, not a range.			
Not Compliant Insufficient ramp recess: Handrail at landing of ramp does NOT extend 12 inches in the direction of the ramp run. Compliant Correct ramp recess: Handrail at landing of ramp does extend 12 inches in the direction of the ramp run.	1133B.5.5.1 ADAAG 4.8.5(2)		NOTE: Top and bottom handra extensions are importar safety features for peop with balance problems a must therefore extend in the direction of the ramprun.

Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
Check List 7. ACCESSIBLE RAMPS			
Provide 12" handrail extension on the interior of switchback or dogleg ramp landings. Extension to be parallel with landing surface and in the direction of the sloped ramp run.	1133B.5.4.6		
Handrail extension must be parallel to landing surface.			
Provide cane detectable rail portion between 0.0" and 27" AFF if portion of rail that is more than 27" AFF protrudes more than 4" into a perpendicular running circulation path.			
Return ends of handrail extension to wall, floor or post.			
Indicate gripping portion between 1 1/4" and 1 1/2" outside diameter, or provide shape with equivalent gripping surface (i.e. 4"-6 1/4" perimeter, and 2 1/4" max in any direction). 4"-6 1/4" perimeter			NOTE: When using industry standard round steel handrails (nominally dimensioned) DSA may approve an actual outside
2 ½" max			diameter of 1 7/8" max.
Provide and indicate 1 1/2" clearance from adjacent obstruction (wall or guardrail).	ADAAG 4.8.5(3)		
Modify recess to be 3" deep for 18" min height, measured from the			

(wall or guardrall).

Modify recess to be 3" deep for 18" min height, measured from the top of the handrall

18" min

All gripping surfaces must be smooth, with no sharp edges, continuous, without interruption by newel posts, and other construction elements, or obstructions.

EXCEPTION:

- a. Handrail brackets or balusters attached to the bottom surface of the handrail, provided that:
 - not more than 20% of the handrail length is obstructed, and

NOTE: Several provisions for handrails are based on the proposed revisions to federal design standards (ADA/ABA accessibility guidelines).

Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
Check List 7. ACCESSIBLE RAMPS			
 horizontal projections beyond the sides of the handrail occur 1 1/2" min (2 1/2" preferred) below the bottom of the handrail, and all edges have a 1/8" min radius. 			
1 1/2" clear (2 1/2" min 1/8" min radius			
Provide guardrail, 42" high, as a vertical barrier along the open edges of ramps, platform, or landings to prevent persons from falling off the open edge if drop exceeds 30".	1133B.5.7		
Indicate that a sphere 4" in diameter cannot pass through any opening at guardrails (intermediate rails or an ornamental pattern.)	1133B.5.7.4		

8	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
Ch	eck List 8. DOORS AND GATES			
app	olicable DSA/AC Preliminary Review Checklists and			
1.	All doors for new construction.			
2.	All doors that are being altered in existing buildings.			
3.	All doors in existing buildings that are in the POT, including existing doors.			
Inc	lude all marked doors in door schedule.			
	<u>.</u>			
1.	Door mark number/character.			
2.	Room name/number.			
3.	Width of door leaf or clear opening.			
4.	Reference to sheet and detail for new or existing door types.			
5.	Reference to sheet and detail for new or existing thresholds for exterior doors, and interior doors with special flooring transitions (gymnasium, rubber flooring, etc).			
6.	Reference to sheet and detail for required signage including: tactile/Braille exit signs, restroom signs, entrance signs, identifying room signs, directional signs, etc.			
7.	"Copy" of door signage.			
8.	Hardware group for new doors or existing doors that are being altered.			
PO	T has accessible threshold, hardware, closer, and 10"			
		1133B.1.1.1.1		
EX	CEPTION:			
a. b.	Exterior ground–floor exits serving smoke–proof enclosures, stairwells and exit doors servicing stairs only. Exits in excess of those required by Section 1114B.2.1, and which are more than 24" above grade. Such doors shall have visual sign which indicates, by means of an arrow and/or text, the location of the nearest accessible exit. The warning sign shall comply with Section 1117B.5 and be mounted at a location so steps do not need to be retraced.			
	For app Ch Ide with 1. 2. 3. Inc Prosch 2. 3. 4. 5. 6. 7. 8. Ind PO sm All according to the point of the poin	circled items, and any additional plan review comments on points of disagreement must be resolved prior to back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR). Check List 8. DOORS AND GATES For additional scoping requirements and exceptions see also applicable DSA/AC Preliminary Review Checklists and Checklist 1. Identify the following doors with a mark on plans (to correspond with numbers/characters in door schedule): 1. All doors for new construction. 2. All doors that are being altered in existing buildings. 3. All doors in existing buildings that are in the POT, including existing doors. Include all marked doors in door schedule. Provide the following information for each door in the door schedule: 1. Door mark number/character. 2. Room name/number. 3. Width of door leaf or clear opening. 4. Reference to sheet and detail for new or existing door types. 5. Reference to sheet and detail for new or existing thresholds for exterior doors, and interior doors with special flooring transitions (gymnasium, rubber flooring, etc). 6. Reference to sheet and detail for required signage including: tactile/Braille exit signs, restroom signs, entrance signs, identifying room signs, directional signs, etc. 7. "Copy" of door signage. 8. Hardware group for new doors or existing door that are being altered. Indicate either on plan or in schedule that existing door in the POT has accessible threshold, hardware, closer, and 10" smooth surface at bottom of push side (e.g. kick-plate). All entrances and ground floor exit doors must be made accessible. EXCEPTION: a. Exterior ground–floor exits serving smoke–proof enclosures, stairwells and exit doors servicing stairs only. b. Exits in excess of those required by Section 1114B.2.1, and which are more than 24" above grade. Such doors shall have visual sign which indicates, by means of an arrow and/or text, the location of the nearest accessible exit. The warn	drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR). Check List 8. DOORS AND GATES For additional scoping requirements and exceptions see also applicable DSA/AC Preliminary Review Checklists and Checklist 1. Identify the following doors with a mark on plans (to correspond with numbers/characters in door schedule): 1. All doors for new construction. 2. All doors for new construction. 2. All doors in existing buildings that are in the POT, including existing doors. Include all marked doors in door schedule. Provide the following information for each door in the door schedule: 1. Door mark number/character. 2. Room name/number. 3. Width of door leaf or clear opening. 4. Reference to sheet and detail for new or existing thresholds for exterior doors, and interior doors with special flooring transitions (gymnasium, rubber flooring, etc). 6. Reference to sheet and detail for required signage including: tactile/Braille exit signs, restroom signs, entrance signs, identifying room signs, directional signs, etc. 7. "Copy" of door signage. 8. Hardware group for new doors or existing door in the POT has accessible threshold, hardware, closer, and 10" smooth surface at bottom of push side (e.g. kick-plate). All entrances and ground-floor exit doors must be made accessible. EXCEPTION: a. Exterior ground-floor exits serving smoke—proof enclosures, stainwells and exit doors servicing stairs only. b. Exits in excess of those required by Section 1114B.2.1, and which are more than 24" above grade. Such doors shall have visual sign which indicates, by means of an arrow and/or text, the location of the nearest accessible exit. The warning sign shall comply with Section 1117B.5	devings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR). Check List 8. DOORS AND GATES For additional scoping requirements and exceptions see also applicable DSA/AC Preliminary Review Checklists and Checklist 1. Identify the following doors with a mark on plans (to correspond with numbers/characters in door schedule): 1. All doors for new construction. 2. All doors fan tare being altered in existing buildings. 3. All doors in existing buildings that are in the POT, including existing doors. Include all marked doors in door schedule. Provide the following information for each door in the door schedule: 1. Door mark number/character. 2. Room name/number. 3. Width of door leaf or clear opening. 4. Reference to sheet and detail for new or existing thresholds for exterior doors, and interior doors with special flooring transitions (gymnasium, rubber flooring, etc). 5. Reference to sheet and detail for required signage including: tactile/Braille exit signs, restroom signs, entrance signs, identifying room signs, directional signs, etc. 7. "Copy" of door signage. 8. Hardware group for new doors or existing doors that are being altered. All entrances and ground floor exit doors must be made accessible threshold, hardware, closer, and 10" smooth surface at bottom of push side (e.g. kick-plate). All entrances and ground floor exit doors must be made accessible. EXCEPTION: a. Exterior ground-floor exits serving smoke-proof enclosures, stainwells and exit doors servicing stains only. b. Exits in excess of those required by Section 1114B.2.1, and which are more than 24" above grade. Such doors shall have visual sign sphall comply with Section 1117B.5.

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on described items, and are additional plan review comments on the state of the state	or on 3.24,	lans	
	drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Cock Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 8. DOORS AND GATES			
	 c. In existing buildings, where DSA determines that compliance would create an unreasonable hardship, an exception may be granted when equivalent facilitation is provided. Equivalent facilitation would require at least one entrance to be accessible. d. In existing buildings where DSA determines that, due to legal or physical constraints, compliance with the height requirement or equivalent facilitation would create an unreasonable hardship. 			NOTE: Jurisdictional findings and determinations are subject to an internal DSA appeals
8.7	All doors on an accessible path of travel must be made accessible.	1114B.1.2		process.
8.8	Revolving doors or turnstiles cannot be used as the only means of entrance and exit. Provide an accessible door adjacent, designed as to facilitate the same use pattern.	1133B.2.3.3 ADAAG 4.13.2		
8.9	Provide and indicate door leafs to be 3'-0" min (4'-0" max) in width and 6'-8" min in height.	1133B.2.2		
8.10	Hinged door must open at least 90°.			
8.11	Door must provide a clear opening of 32" when 90° opened (measured between the face of the door and the opposite stop).	1133B.2.3		
	EXCEPTION:			
	 a. The provisions of Section 1133B.2.3 do not apply to existing buildings, except when otherwise required under conditions applicable to access for persons with disabilities. In existing buildings, where the occupant load is less than 10, except Group I, Division 1 Occupancies, doorways may be 30" in clear width. b. Where occupant load is greater than 10 and it is determined that compliance with Section 1133B.2.3 would create an unreasonable hardship, doorways may be 30 inches in clear width. 			NOTE: Exceptions (a), (b), and (c) cannot be applied to doors required to be accessible per ADAAG 4.1
	 c. In existing buildings where DSA determines that compliance with 1133B.2.3, or equivalent facilitation would create an unreasonable hardship. d. Doors not requiring full user passage, such as shallow closets (i.e., <60" wide), may have the clear opening reduced to 20" min. 	ADAAG 4.13.5		NOTE: Jurisdictional findings and determinations are subject to an internal DSA appeals process.
	e. In existing buildings, where it is technically infeasible to comply with clear opening width requirements projection of 5/8 in maximum will be permitted for the latch side stop.	ADAAG 4.1.6(3)(d)(i)		
8.12	In existing buildings, when a required exit is not accessible, provide sign to direct people to the nearest accessible exit or evacuation assistance area. The sign shall comply with Section 1117B.5 and be mounted at a location so steps do not need to be retraced.			
8.13	Provide clear opening width dimension.			

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 8. DOORS AND GATES			
8.14	At double doors, with or without mullion, automatic or manual, indicate clear opening width of one of the doors to be 32" min.	1133B.2.3.1 ADAAG 4.13.5		
	32"			
8.15	Provide and indicate a clear and level (0.0% slope) landing on each side of door.			
	EXCEPTION:			
	a. Door landings may slope 2% max where required to drain.			
8.16	Provide and indicate the following maneuvering clearances and level landings at door:	1133B.2.4.2 Fig. 11B-26A Fig. 11B-26B		
	Front approach to pull side of door must have maneuvering space that extends 24" min. at exterior doors (18" min at interior doors) beyond the latch side of the door and 60" min. perpendicular to the doorway.	Fig. 11B-33a ADAAG Fig 25		NOTE: Door landings adjacent to ramps, stairs, or other hazardous conditions may
	2. Front approach to push side of door, equipped with closer and latch, must have maneuvering space that extends 12" min. beyond the latch side of the door and 48" min. perpendicular to the doorway.			require larger landings.
	3. Front approach to push side of door, not equipped with latch and closer, must have maneuvering space that is the			

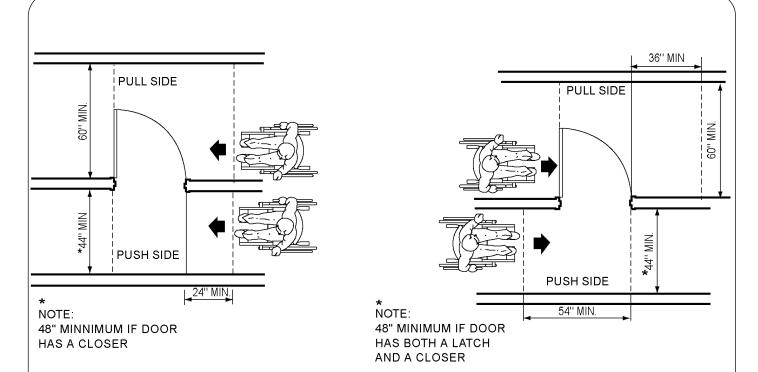
	perpendicular to the doorway.
3.	Front approach to push side of door, not equipped with latch and closer, must have maneuvering space that is the same width as door opening and extends 48" min. perpendicular to the doorway.

- 4. Hinge-side approach to pull side of door must have maneuvering space that extends 36" min. beyond the latch side of the door if 60" min. is provided perpendicular to the doorway.
- **5.** Hinge-side approach to push side of door, not equipped with latch and closer, must have a maneuvering space of 54" min., parallel to the doorway and 42" min., perpendicular to the doorway.
- **6.** Hinge side approach to push side of door, equipped with latch and closer, must have maneuvering space of 54" min., parallel to the doorway, 48" min. perpendicular to the doorway.
- **7.** Latch-side approach to pull side of door, with closers, must have maneuvering space that extends 24" min. beyond the latch side of the door and 60" min. perpendicular to the doorway.
- 8. Latch-side approach to pull side of door, not equipped with closers, must have maneuvering space that extends 24" min. beyond the latch side of the door and 60" min. perpendicular to the doorway.
- 9. Latch-side approach to push side of door, with closers, must have maneuvering space that extends 24" min.

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 8. DOORS AND GATES			
	parallel to the doorway beyond the latch side of the door and 48" min. perpendicular to the doorway.			
	10. Latch-side approach to push side of door, not equipped with closers, must have maneuvering space that extends 24" min. parallel to the doorway beyond the latch side of the door and 42" min. perpendicular to the doorway.			
8.17	Door in alcove must comply with the clearances for front approach.			
8.18	At recessed doors, where the plane of the doorway is offset 8" or more from any obstruction within 18" measured laterally on the latch side, the door shall be provided with maneuvering clearance for front approach.	1133B.2.5.3 ADAAG 4.13.5		
8.19	Level difference at landing/threshold transition between 1/4" and 1/2" must be beveled at 1:2.	1133B.2.4.1		
	1/2" 1 2			
8.20	Indicate level difference between top of threshold and door landing to be 1/2" max (if beveled.)			
8.21	Indicate level difference between interior and exterior door landing to be 1/2" max (if beveled.)			
8.22	In existing projects with hardship approval, level difference at landing/threshold transition greater than 1/2" can be accomplished by means of ramp or sloped walking surface and include required level landings.			
	Threshold Ramp down 8.3% max Door and top of ramp landing, as required Bottom of ramp landing, as required			NOTE: Handrails are not required on ramps at exterior door landings with less than 6" rise and 72" in length (1133B.5.5.1, ADAAG 4.8.5).
	Threshold Sloped surface down 5% max Door landing, as required			

{	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 8. DOORS AND GATES			
	EXCEPTION:			
	a. Where DSA determines unreasonable hardship, existing thresholds 3/4" high or less, may remain if they have (or are modified to have) a beveled edge, sloped at 1:2.	ADAAG 4.1.6(3)(d)(ii)		
8.23	Doormats, grills, and carpets must be adequately anchored.	1133B.1.1.1.3		
8.24	Exterior doormats or grills should be recessed and flush with the surrounding surface.			
DOOR	HARDWARE			
8.25	Provide adjustable closers. At doors wider than 3'-0", verify that closer will meet requirements.			
8.26	If door closers are used, indicate maximum effort to operate doors either on drawings or in specification:	1133B.2.5		
	1. 5 lbs max for interior doors.			
	2. 5 lbs max for exterior doors.			
	3. Recommendation: 3 lbs for doors which are primarily used by children.			
8.27	Delete note that states that fire doors or rated doors can have up to 15 lbs operating effort, or provide the following note: "The Authority having Jurisdiction may increase the maximum effort to operate fire doors to achieve positive latching, but not to exceed 15 lbs max."	1133B.2.5		
8.28	Provide alternative design solution at locations where it is apparent that positive latching cannot be achieved within the required range (e.g., in high-rise buildings with an air pressurization system, or at sites with known, significant wind forces). Consider:			
	Automatic or power-assisted doors.			
	2. Sliding doors.			
	3. Change door swing.			
	4. Omit latch.			
	5. No doors at all.			
	6. Provide shelter.			
8.29	Recommendation: Critical doors at main entrances or heavy-use areas should be automatic or power-assisted.			
8.30	Relocate push button to operate power-assisted doors to a more accessible location that is adjacent to or part of the general path of travel; visible and easily recognizable from main approach; and so that the clear space in front of the button is outside any door swing.	ADAAG 4.27		

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 8. DOORS AND GATES			I
8.31	Indicate height of push button to operate power-assisted door to be 48" max AFF (recommendation: 40").			
8.32	Indicate mounting height of hand-activated door hardware, including all dead bolts, between 30" and 44" AFF (36" preferred).	1133B.2.5.2		NOTE: See Checklist 22 for additional hardware requirement at hotel and
	EXCEPTION:			motel unit doors.
	DSA may approve a higher installation height at gates to swimming pools if required for the safety of children.			
8.33	Deadbolts are not permitted unless operable with single effort by lever type hardware.			
8.34	Provide note or detail indicating location of floor-mounted doorstops and similar obstructions to be installed 4" max from the face of the wall or partition.	DSA IR #99-08		
8.35	Indicate smooth, uninterrupted surface at the bottom 10" of push and pull side of door leaf.	1133B.2.6		
8.36	Provide a 10" high kick-plate cover at the bottom of the push side of narrow frame doors.			
8.37	Provide a 10" high kick-plate cover at the bottom of doors where hardware is surface mounted (i.e. exposed rod for panic device).			
8.38	For access requiring security, provide door lock system that does not require any pinching, twisting or grasping. (i.e. proximity reader type electronic lock.)			
GATES	S			
8.39	All gates intended for pedestrian use, including ticket gates, must comply with all applicable requirements of doors (see items above).	1133B.1.1.1.4 ADAAG 4.13.3 1133B.1.1.1.4		
8.40	Identify gate with a mark on plans and include in door schedule.			
8.41	Provide and indicate kick-plate and accessible operating hardware at gate.			
8.42	Provide enlarged detail of gate and indicate gap between floor surface and bottom of gate to be 3" max.			
8.43	DSA may approve gates that do not comply with all requirements if a sign adjacent to gate is provided that states: "Gate to remain locked in the open position during business/ school hours or during any public functions." Characters must be in 1" capital letters and contrasting in color.			
8.44	Gate on required exit path must comply with exit door and hardware requirement.	1133B.1.1.1.4		



LATCH APPROACH

HINGE APPROACH

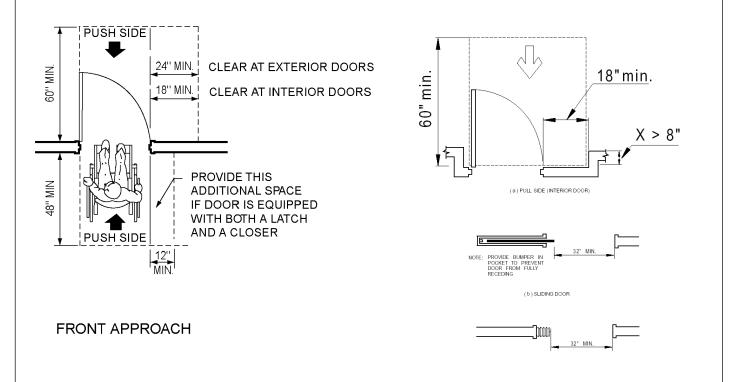


Fig 8-A. Door Maneuvering Clearances and Landings

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Comments Notes Examples
	Check List 9. CORRIDORS AND VESTIBULES		
9.1	For additional scoping requirements see also applicable DSA/AC Preliminary Review Checklists.		
CORR	DORS, HALLWAYS, EXTERIOR EXIT BALCONIES		
9.2	All corridors, hallways, and exterior exit balconies must be made accessible.		
	EXCEPTION:		
	 a. In existing buildings, when area is not part of the planned alteration or part of the required path of travel to the area of alteration. b. Corridors, hallways, and exterior exit balconies on floors or portions of floors not customarily occupied, including non-occupiable or employee spaces accessed only by ladders, catwalks, crawl spaces, very narrow passageways, and frequented only by service personnel for repair or maintenance purposes: such spaces as elevator pits and elevator penthouses, piping and equipment catwalks and machinery rooms need not be accessible with the exception of stair stripping. 	1103B.1	
9.3	Provide and indicate clear width at this location.		
	1. 36" min if occupancy load is <10.	1133B.3.1	
	2. 44" min if occupancy load is >10.		
	3. 60" min if corridor, hallway, or exterior exit balcony exceeds 200' in length without a passing space, measuring 60"x60" min.	1133B.3.2 ADAAG 4.3.4	
	EXCEPTION:		
	 a. In existing buildings, where DSA determines that compliance would create an unreasonable hardship, an exception may be granted when equivalent facilitation is provided. b. In existing buildings where DSA determines that, due to legal or physical constraints, compliance with the height requirement or equivalent facilitation would create an unreasonable hardship. 		NOTE: Jurisdictional findings and determinations are subject to an internal DSA appeals process.
9.4	Corridor, hallway, or exterior exit balcony in Group E, Div. 1 occupancy (K-12 facilities), serving an occupancy load of 100 or more must be 72" min wide.	1007.3.5	
9.5	Corridor, hallway, or exterior exit balcony in Group E, Div. 1 occupancy (K-12 facilities), serving an occupancy load of less than 100 must be 44" min wide.		
9.6	Corridor, hallway, or exterior exit balcony slopes more than 5%. Indicate compliance with all requirements for ramps.		
9.7	Provide and indicate additional maneuvering space at the following conditions:		

	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 9. CORRIDORS AND VESTIBULES			
	When turning around an obstruction.	Fig. 11B-5E		NOTE:
	36" * >48" 36" * 42" 42" 42"			If occupancy load is 10 or more, the minimum width of all *dimensions must be increased to 44" min.
	2. Wherever a person using a wheelchair may have to make an 180° turn.			
	3. At doors and gates.	Fig. 11B-26		
	4. To access elements or equipment.			
9.8	Wall mounted object with bottom edge between 27" and 80" above the ground protrudes more than 4" into pedestrian circulation area.	1133.8.6		
	1. Provide cane detectable rails.			
	2. Provide detectable warning surface.			
	3. Remove, relocate, recess, or modify protruding object.			
	WHEN HIGHER THAN 27"			
9.9	Dead end corridor, hallway, or exterior exit balcony cannot exceed 20' in length.	1004.2.6		
9.10	Provide guardrail, 42" high, as a vertical barrier along the open edges of corridor, hallway, or exterior exit balcony to prevent persons from falling off the open edge if drop exceeds 30".	1133B.5.7.3 509		
VESTI	BULES			
9.11	Indicate and provide 48" min between two hinged or pivoted doors plus the width of any door swinging into the space.	1133B.2.4.4 Fig. 11B-30 ADAAG		
9.12	Doors in series must swing either in the same direction or away from the space between the doors.	4.13.7		

9.13

At doors openings at adjacent walls, provide and indicate a 30"x48" clear floor space in the vestibule and outside the area of the door swing.

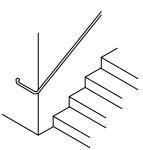
Fig. 11B-30(a)

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 10. STAIRS AND STEPS			
10.1	All stairs, stairways, and steps must be accessible.	1114B.1.1 1133B.4		NOTE: All vertical level changes, exceeding 1/4" in height
	 a. In existing buildings, when stairs are not part of the planned alteration and vertical access is provided through elevators, lifts or ramps, stairways need not be accessible. b. Stairs to floors or portions of floors not customarily occupied, including non-occupiable or employee spaces accessed only by ladders, catwalks, crawl spaces, very narrow passageways, and frequented only by service personnel for repair or maintenance purposes: such spaces as elevator pits and elevator penthouses, piping and equipment catwalks and machinery rooms need not be accessible with the exception of stair striping. 	1103B.1		(or ½" if beveled), and within a pedestrian circulation area are considered stairs or steps, with the exception of curbs that border vehicular ways.
10.2	Single steps are considered stairs and must comply with all requirements applicable to stairways, including tread, riser and landing dimensions, color striping, and handrails.	DSA IR #96-10		
10.3	Stair treads and risers must comply with the following:			
	Treads must be uniform and not less than 11" wide.			
	2. Risers must be uniform, and between 4" and 7" high.			
	3. Risers must be closed.			
	Recommendation: Treads should be less than 17 1/2" wide.			
	5. Recommendation: A safe and convenient tread-riser ratio is best achieved by having the product of two risers plus one tread be 24.5" +/-1/2" (2R + T=24.5).			
	EXCEPTION:			
	 a. In existing buildings, where DSA determines that compliance would create an unreasonable hardship, an exception may be granted when equivalent facilitation is provided. b. In existing buildings where DSA determines that, due to legal or physical constraints, compliance with the height requirement or equivalent facilitation would create an unreasonable hardship. 			NOTE: Jurisdictional findings and determinations for exception (b) are subject to an internal DSA appeals process.
10.4	Skewed, angled, or kinked stair treads do not provide uniform tread width. Modify design (e.g., by providing a handrail). NOT COMPLIANT	1133B.4.5.3 ADAAG 4.9.2		F.55555.

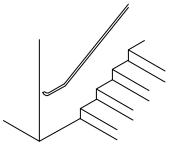
	,			
10	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans of Item on Plans Comments Notes Examples	
С	heck List 10. STAIRS AND STEPS			
10.5 St 1. 2. 3. 4.	air nosing must comply with the following: 1/2" max radius of curvature at leading edge of tread. Nosings that project beyond vertical risers must have the underside of the leading edge curved or beveled 60 degrees. If not vertical, risers must slope under the tread at an angle of 60 degrees max from vertical. Max projection of the nosing permitted is 1 1/2". R: 1/2" max (Straight riser ok.) Closed riser 1 1/2" max to edge of nosing	1133B.4.5		
	ovide detail of color contrasting striping at all stairs and steps thin the pedestrian circulation area. Indicate the following: Upper approach and all treads of exterior stairs must have a 2" min wide strip of contrasting color. Upper approach and lower tread of interior stairs must have a 2" min wide strip of contrasting color. Color strip must be solid 2" and contrast must be 70% min. Grooved stripes should not be used on exterior stairs. The strip should be installed as close as possible to, but never more than 1" from, the edge of the nosing. Recommendation: Provide strip on all treads of interior stairs.	1133B.4.4		
	ovide and indicate width of stairway to be 44" min, or 36" min serving an occupancy load of <50.	1003.3.3.2		

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 10. STAIRS AND STEPS			
	EXCEPTION:			
	 Stairways adjacent to or serving an area of rescue assistance must be 48" min clear between handrails (60" preferred). 	1114B.2.2.3 ADAAG 4.3.11.3		
10.8	Indicate top and bottom landing to be level and as long as stairway is wide.	1003.3.3.5		
	EXCEPTION:			
	 a. Exterior landings may slope 2% max in any direction. b. At straight stair runs the landing may be 44" long. c. Provide additional space where landings serve as areas of rescue assistance. 	1114B.2.2.2		
10.9	Increase stair landing dimensions to accommodate required maneuvering space for doors.	1133B.2.4.2		
10.10	Indicate clear headroom of 6'-8" min at stairs and landings.	1003.3.3.4		
10.11	Recommendation: If descending stair runs are located in the direct path of travel, provide a 24" wide grooved band on the top landing, 12" from and parallel to the riser edge.			NOTE: Grooves, 1/4" wide, 1/4" deep and 3/4" o.c. provide a meaningful contrast at this potentially hazardous condition.
	15." 24."			
10.12	Staircase underside creates a hazardous overhead obstruction. Provide cane detectable warning.	ADAAG Fig. 8 (c-1)		
10.13	Signage in stairways must be accessible. See Checklist 17 for additional requirements.	1133B.4.3		
HAND	RAILS FOR STAIRS			
10.14	Provide handrails on both sides of stairs including single steps. EXCEPTION: a. In existing facilities:	1003.3.3.6.1a DSA IR #96-10 1133B.4.1.1		
	 stairs that are not within the specific area of alteration, and stairs that are not part of the required primary path of travel. 			

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 10. STAIRS AND STEPS			I
10.15	Provide an intermediate handrail at stairs, required to be more than 88" wide.	1003.3.3.6.1a		NOTE: Stairs more than 88" wide but not required by code to
10.16	Modify design to provide continuous handrails the full length of the stair run.			be that wide, such as monumental stairways, do not need an intermediate
10.17	Modify design to provide continuous inside handrails at intermediate landings.	1133B.4.2.4		handrail.
10.18	Top of gripping surface of handrail must be between 34" and 38" AFF.			
10.19	Recommendation: Handrails at facilities that primarily serve elementary school aged children should have additional handrails at 27" AFF. It is also recommended that the vertical clearance between handrails be at least 9" in order to reduce the risk of entrapment.	Tbl. 1115B-1 ADAAG A4.9.5		
10.20	Recommendation: Handrails at facilities that primarily serve kindergarten aged children should have additional handrails at 22" AFF.	Tbl. 1115B-1 ADAAG A4.9.5		
10.21	Indicate a specific height from front edge of nosing to top of handrail.			
10.22	Extend handrail 12" beyond the top of the stair run and parallel to the landing surface.	1133B.4.2.2 ADAAG 4.9.4(2)		
10.23	Extend handrail 12" plus the width of one tread beyond the bottom riser. The handrail must continue to slope for a distance of the width of one tread and the remainder of the extension must be parallel to the landing surface.			NOTE: Top and bottom handrail extensions are important safety features for people with balance problems. and must therefore extend in the direction of the stair run.



Not Compliant Handrail at bottom of stairs does NOT extend one tread width plus 12 inches in the direction of the stair run.



CompliantHandrail at bottom of stairs does extend one tread width plus 12 inches in the direction of the stair run.

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 10. STAIRS AND STEPS			
10.24	Handrail extension cannot extend into the required width of an adjacent path of travel. Relocate stairs or modify design.	1133B.4.2.2		
	EXCEPTION:			
	a. In existing facilities, where DSA determines that compliance with the extension requirement would create an unreasonable hardship, because it would create a hazard or would be impossible due to plan configuration, an exception may be granted when equivalent facilitation is provided.	ADAAG 4.1.6.(3)(b)		
10.25	Return ends of handrail extension to wall, floor or post.	1133B.4.2.4		
10.26	Provide cane detectable rail portion between 0.0" and 27" AFF if portion of rail that is more than 27" AFF protrudes more than 4" into a perpendicular running circulation path.			
	Undetectable portion of rail (shaded). Not Compliant			
	Compliant Designs			
10.27	Indicate gripping portion between 1 1/4" and 1 1/2" diameter, or provide shape with equivalent gripping surface (i.e. 4"-6 1/4" perimeter, and 2 1/4" max in any direction). 4"-6 1/4" perimeter 2 1/2" max			NOTE: When using industry standard steel handrails (nominally dimensioned) DSA may approve an actual outside diameter of 1 7/8" max.

10

Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).

lustification or Sode Citation C.C.R. Title 24, I.O.n.)	acited
lustifi Sode C.C.F	

Item on Plans

Somments Notes Examples

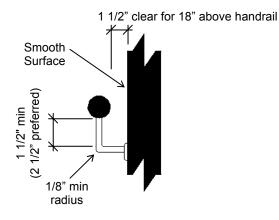
Check List 10. STAIRS AND STEPS

10.28 All gripping surfaces must be smooth with no sharp edges, and continuous, without interruption by newel posts, other construction elements, or obstructions.

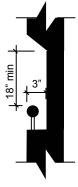
1133B.4.2.6.1 ADAAG 4.9.4

EXCEPTION:

- a. Handrail brackets or balusters attached to the bottom surface of the handrail, provided that:
 - not more than 20% of the handrail length is obstructed, and
 - horizontal projections beyond the sides of the handrail occur 1 /12" min (2 1/2" preferred) below the bottom of the handrail, and
 - all edges have a 1/8" min radius.



- **10.29** Provide and indicate 1 1/2" clearance from adjacent obstruction (wall or guardrail).
- **10.30** Modify recess to be 3" deep for 18" height, measured from the top of the handrail.



10.31 Handrail configuration creates hazard or trap. Modify.

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 10. STAIRS AND STEPS			
10.32	Provide guardrail, 42" high, as a vertical barrier along the open edges of stairs, platform, or landings to prevent persons from falling off the open edge if drop exceeds 30".	1133B.5.7.2		
10.33	falling off the open edge if drop exceeds 30". Indicate that a sphere 4" in diameter cannot pass through any opening at guardrails (intermediate rails or an ornamental pattern.)	509.3		
				<i>)</i>

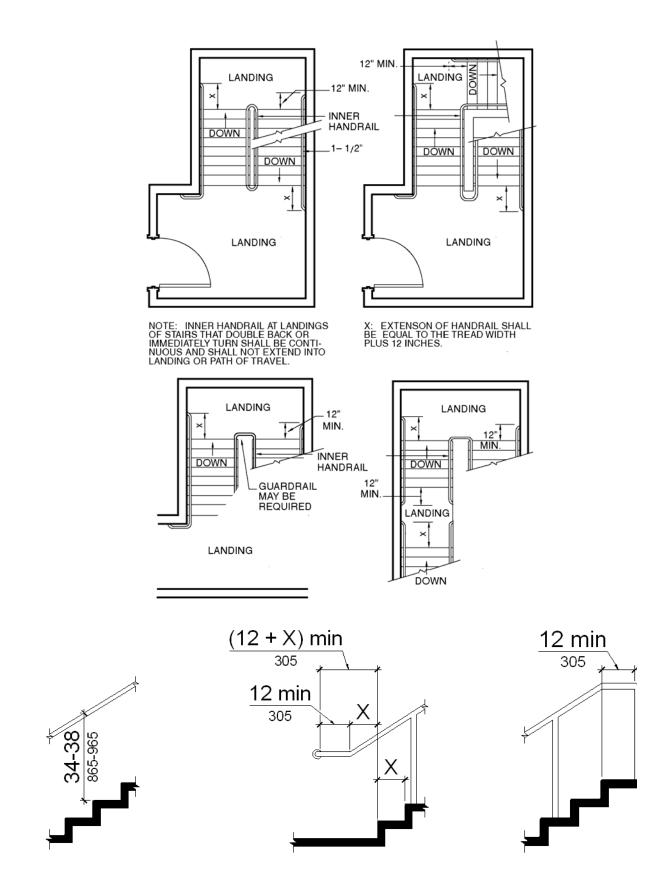


Fig 10-A. Requirements for Stairs and Stair Handrails

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Comments Notes Examples
	Check List 11. ELEVATORS AND AREAS OF R	ESCUE ASSISTANCE	
ELEVA	ATORS		
11.1	For additional scoping requirements and exceptions see also applicable DSA/AC Preliminary Review Checklists and Checklist 1.		
11.2	Provide automatic passenger elevator to serve each level (including floors, stories, split levels, platforms, podiums, sunken areas, balconies, roof gardens, and mezzanines) in multi-story facility that is constructed by, on behalf of, or for the use of a public entity.	1103B.1 1114B.1.2 1120B.1 ADAAG 4.1.3(5) 28 CFR	H&S Code §19955.3: STORY means that portion of a building included between the upper surface of any floor and the upper surface of the floor next
	EXCEPTION:	35.151(a),(b)	above, except that the topmost story shall be that
	a. Floors or portions of floors not customarily occupied, including, but not limited to, non-occupiable or employee spaces accessed only by ladders, catwalks, crawl spaces, very narrow passageways or freight (non-passenger) elevators, and frequented only by service personnel for repair or maintenance purposes: such spaces as elevator pits and elevator penthouses, piping and equipment catwalks and machinery rooms.		portion of a building included between the upper surface of the topmost floor and the ceiling or roof above. If the finished floor level directly above a basement or unused underfloor space is more than six feet above grade for more
	b. When an existing theater is subdivided into more than one facility having upper levels not accessible by ramp or elevator, and DSA determines that full compliance with this code would create an unreasonable hardship, upper levels need not be made accessible, provided all facilities at grade are accessible and any event, showing of motion pictures or other activities made available to the public in all of the facilities are scheduled to ensure that all such functions are available to the public in the accessible facility.	1104B.3.1.2	than 50 percent of the total perimeter or is more than 12 feet above grade at any point, the basement or unused under-floor space shall be considered as a story. MEZZANINE means an intermediate floor placed in any story or room. When
	c. Ramps may be provided in lieu of elevators.d. Special access wheelchair lifts may be approved by DSA between levels in lieu of passenger elevators (see	1116B.2	the total area of any "mezzanine floor" exceeds 33.3 % of the total floor area in that room, it shall be
	 Checklist 12 for wheelchair lift requirements). e. In existing buildings, other than dining banquet and bar facilities, when DSA determines that compliance would create an unreasonable hardship, an exception may be 	1120B.1.1	considered as constituting an additional "story".
	granted when equivalent facilitation is provided.		

process.
NOTE:

determinations for

NOTE:

Exception (h) does not apply to privately funded facilities that are intended for use by a public entity.

Jurisdictional findings and

exception (g) are subject to an internal DSA appeals

application number.

11.3

In existing dining, banquet and bar facilities, when DSA

In existing buildings, when legal or physical constraints

facilitation without creating an unreasonable hardship

h. In private facilities, that are less than three stories or that have less than 3,000 SqFt per story unless the building is a shopping center, a shopping mall, or the professional

Indicate compliance of existing elevator and provide DSA

would not allow compliance with this section or equivalent

ramps, passenger elevators or special lifts.

office of a health care provider.

determines that compliance would create an unreasonable hardship, an exception may be granted provided that a minimum of 75 percent of the dining, banquet and bar is on a common level throughout or connected by pedestrian

1120B.1.2

1120B.1.3

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 11. ELEVATORS AND AREAS OF RI	ESCUE ASSISTAN	ICE	
11.4	Indicate location of all elevators on each site and floor plan with an appropriate symbol (X).			
11.5	Where more than one elevator is provided, all elevators must be made accessible.	1114B.1.2		
11.6	Freight elevators are not considered as meeting the requirements unless the only elevators provided are used as combination passenger and freight elevators for the public and employees.	ADAAG 4.10.1		
11.7	In new construction of buildings where elevators are required, and which exceed 10,000 square feet on any floor, accessible means of vertical access shall be provided within 200 feet of each stairs (except stairs solely used for emergency egress) and each escalator.	1103B.1		
11.8	In existing buildings where elevators are required, and which exceed 10,000 square feet on any floor, and where newly constructed means of vertical access is provided via stairs or escalator, an accessible means of vertical access shall be provided within 200 feet of each new stairs (except stairs solely used for emergency egress) or escalator.	1103B.1		
11.9	Provide additional elevator stop at inaccessible level.			
11.10	Indicate height of call button in elevator lobby or hall to be 42" nominal AFF.	1116B.1.13 ADAAG 4.10.3		
11.11	Indicate call button to be 3/4" min in the smallest dimension, and either to be raised or flush.	4.10.3		
11.12	Indicate visual hall lantern fixtures to be 72" o.c. AFF, 2 1/2" min in the smallest dimension, and visible from the vicinity of the hall call button.			
11.13	Provide and indicate raised character and Braille floor designations on both jambs of each elevator.			
	60			

Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).

Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location
38303	2,4

Somments Notes Examples

Check List 11. ELEVATORS AND AREAS OF RESCUE ASSISTANCE

- 11.14 Indicate clearance between the car platform sill and the edge of the hoistway landing to be no greater than 1 1/4".
- **11.15** Indicate clear door opening width to be 36" min.

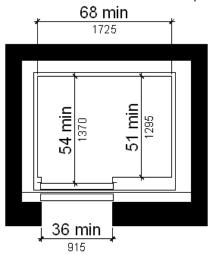
1116B.1.4

1116B.1.8

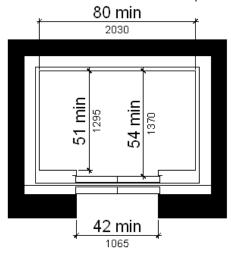
Fig 40-A (Fig. 11A-A)

EXCEPTION:

- a. When approved by DSA, the minimum door width may be reduced to 32" for cars with dimensions per 3003.4.7.
- **11.16** Indicate height of door re-opening sensors at 5" and 29" AFF.
- 11.17 Indicate interior dimensions for elevator cab with 36" wide sideslide opening doors to be 68" min wide, and 54" min deep between the back wall and the elevator door, and 51" min deep between the back wall and the return panel.



11.18 Indicate interior dimensions for elevator cab with 42" wide center-opening doors to be 80" min wide, and 54" min deep between the back wall and the elevator door, and 51" min deep between the back wall and the return panel.



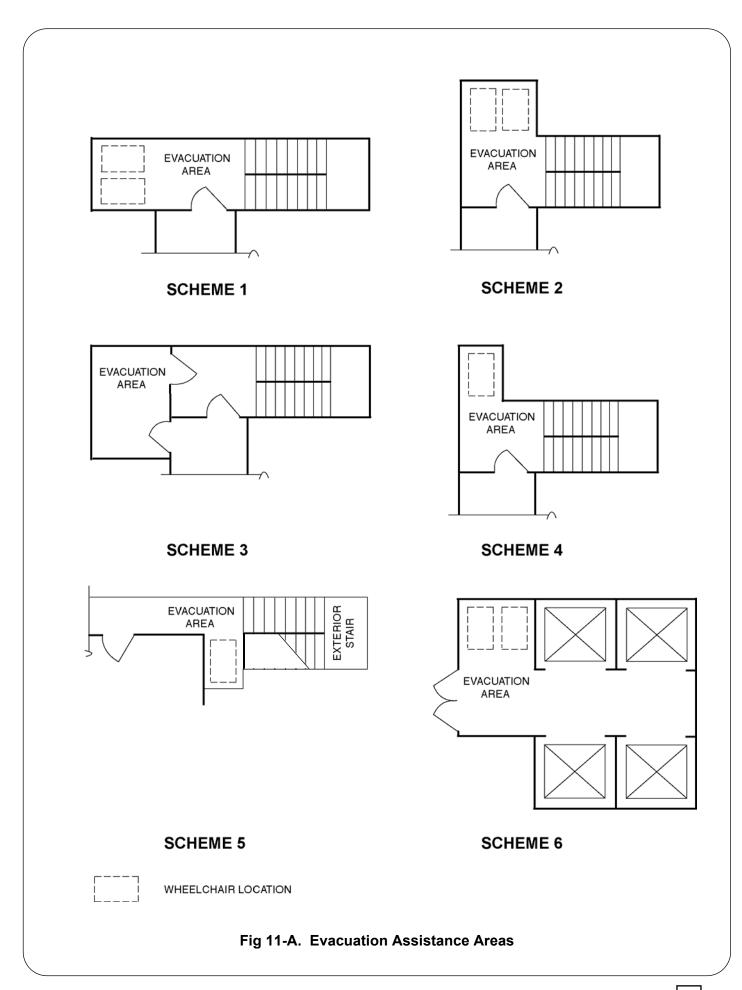
DSA may approve other configurations and dimensions if it is clearly shown that the floor area of the elevator car provides space for wheelchair users to enter the car, turn around, maneuver within reach of controls, and exit from the car.

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.) Location of Item on Plans Comments Notes Examples
	Check List 11. ELEVATORS AND AREAS OF R	RESCUE ASSISTANCE
11.19	Provide and indicate at least one (1) handrail at 32" AFF and 1 $1/2$ " from the wall.	1116B.1.11
11.20	The highest operable part of a two-way emergency intercom system must be 48" max AFF (40" preferred). The device must be identified by tactile characters located adjacent to the device. If the system uses a handset, the cord from the panel to the handset must be 29" min long. The car emergency signaling device cannot be limited to voice communication. If instructions for use are provided, essential information must be presented in both tactile and visual form.	
11.21	Indicate centerlines AFF of highest and lowest elevator floor buttons (inside car) to be within 48" and 35" for front approach and 54" and 35" for side approach.	1116B.1.8
11.22	Emergency controls, including the emergency stop and alarm, must be grouped in or adjacent to the bottom of the panel and must be 35" min AFF.	
	24" min clear to CL of control panel	
	from cab corner	
	thin reach range	
	height with	
11.23	Indicate on an enlarged detail elevator car control buttons to be:	1116B.1.9
	 At least 3/4" in their smallest dimension and illuminated. Raised 1/8" +/- 1/32" above the surrounding surface and have square shoulders. 	
	3. Designated by a 5/8" min raised, white on a black background Arabic numeral, standard alphabet character, or standard symbol immediately to the left of the control button.	

	Т	Т		
1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24,	Location of Item on Plans	Comments Notes Examples
	Check List 11. ELEVATORS AND AREAS OF RE	SCUE ASSIST	ANCE	
	Have a California Braille symbol, located immediately below the numeral, character or symbol.			
	Have a minimum clear space of 3/8" or other suitable means of separation shall be provided between rows of control buttons.			
AREAS	OF RESCUE ASSISTANCE			
11.24	Provide area of rescue assistance in building or portion of building required to be accessible, when an exit required by Chapter 10 is not accessible.	1114B.2.1		
	EXCEPTION: (does not relief from the requirement to provide accessible exits or enclosures)			
	a. In buildings or facilities having a supervised automatic sprinkler system.b. In alterations of existing buildings.			
11.25	If applicable, indicate on cover sheet or in code analysis that sprinkler system is supervised.			
11.26	Area of rescue assistance must adjoin an accessible route of travel.			
11.27	Provide, and indicate on plan, at least two 30"x48" spaces at each area of rescue assistance.	1114B.2.2.2	2	
11.28	30"x48" spaces cannot encroach on any required exit width, including door swings and required stair landing dimensions.			
11.29	Provide at least one 30"x48" space on each story for every 200 persons of calculated occupant load served by the area for evacuation assistance, but never less than two at each area of rescue assistance.			
	EXCEPTION:			
	a. DSA may reduce the minimum number of 30"x48" spaces to one for each area for evacuation assistance on floors where the occupant load is less than 200.			
11.30	If applicable, indicate on cover sheet, plan, or in code analysis occupancy load for each story.			
11.31	Stairs adjacent to, or serving areas of rescue assistance must provide 48" clear width between handrails or any other protrusion.	1114B.2.2.3	3	
11.32	Provide a two-way emergency communication system with both visible and audible communication for use by the fire department or rescue crews at or near a primary entrance to the facility. A button shall activate both a light at the primary entrance and a light in the area of rescue assistance indicating	1114B.2.2.4	1	

1	1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).		Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Ch	eck List 11. ELEVATORS AND AREAS OF RE	SCUE	ASSISTAN	CE	
		t the request has been received. (The fire department may prove a location other than the primary entry.)				
11.33	bot	ovide a two-way emergency communication system with h visible and audible communication at each area of rescue istance and indicate the location and height of operable ts.				
11.34	AS: syn Pro	ovide a sign which states AREA FOR EVACUATION SISTANCE (Brailled and raised) and the international and the international accessibility adjacent to the door leading to the area. It is not a considerable an additional illuminated sign when exit sign mination is required.				
11.35		ovide a sign with instructions in each area of rescue istance to include:				
	1.	Directions to other means of egress.				
	2.	Advice that persons able to use the exit stairs do so as soon as possible unless they are assisting others.				
	3.	Information on planned availability of assistance in the use of stairs or supervised operation of elevators and how to summon such assistance.				
	4.	Directions for use of emergency communications system.				
11.36		e 1114B.2.for area for evacuation assistance alternatives in h–rise buildings.				
11.37		icate construction and location of area of rescue assistance comply with one of the following:		1114B.2.2.1		
	1.	A portion of a stairway landing within a smoke proof enclosure complying with local requirements.				
	2.	A portion of an exterior balcony located immediately adjacent to an exit stairway complying with local requirements for exterior balconies. Openings to the exterior of the building located within 20' of the area of rescue assistance shall be protected with 3/4-hour fire protection assemblies.				
	3.	A portion of a one-hour fire resistive corridor or vestibule (complying with local requirements for fire resistive construction and opening protection) located immediately adjacent to an exit enclosure.				
	4.	A portion of a stairway landing within an exit enclosure which is vented to the exterior and is separated from the interior of the building shall have no less than one-hour fire resistive doors.				
	5.	An area or a room shall be separated from other portions of the buildings by a smoke barrier. To comply, a smoke barrier shall have a fire resistive rating of no less than one-hour and shall completely enclose the area or room. Doors in the smoke barrier shall be tight fitting smoke-and-draft. Control assemblies shall having a fire protection rating of				

roject designer (PD) snail address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR). Check List 11. ELEVATORS AND AREAS OF RESCUE ASSISTANCE no less than 20 minutes and shall be self-closing or automatic closing. The area or room shall be provided with an exit directly into an exit enclosure. When the room or area exits into an exit enclosure, which is required to be of more than one-hour fire - resistive construction, the room or area shall have the same fire resistive construction. 6. An elevator lobby with elevator shafts and adjacent lobbies are pressurized as required for smoke-proof enclosures by local regulations. Such pressurized systems shall be activated by smoke detectors on each floor in a manner approved by the local authority. Pressurization equipment and its ductwork within the building shall be separated from other portions of	
no less than 20 minutes and shall be self-closing or automatic closing. The area or room shall be provided with an exit directly into an exit enclosure. When the room or area exits into an exit enclosure, which is required to be of more than one-hour fire - resistive construction, the room or area shall have the same fire resistive construction. 6. An elevator lobby with elevator shafts and adjacent lobbies are pressurized as required for smoke-proof enclosures by local regulations. Such pressurized systems shall be activated by smoke detectors on each floor in a manner approved by the local authority. Pressurization equipment and its ductwork within the building shall be separated from other portions of	
the building by a minimum two-hour fire resistive construction.	



1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 12. WHEELCHAIR LIFTS			
12.1	For additional scoping requirements and exceptions, see also applicable DSA/AC Preliminary Review Checklists and Checklist 1.			
12.2	Platform lifts (wheelchair lifts) may be used in lieu of an elevator or ramp only under the following conditions:	1116B.2 ADAAG		
	1. In new construction, to provide an accessible route to a performing area in an assembly use area or to a speaking area or similar place (such as a dais for "head table") in an assembly or Group B use area.	4.1.3(5).4		NOTE: Speaking areas and similar places may include raised judges' benches, clerks' stations, speakers'
	2. In new construction, to comply with the wheelchair viewing position line-of- sight and dispersion requirements of 1104B.3.5.			platforms, jury boxes and witness stands or to depressed areas such as the well of a court.
	3. In new construction, to provide access to incidental occupiable spaces and rooms which are not open to the general public and which house no more than five persons, including but not limited to equipment control rooms and projection booths.			
	4. In new construction, to provide access where existing site constraints or other constraints make use of a ramp or an elevator infeasible.			
	In alteration projects, to comply with the accessible path of travel requirement.			
12.3	Wheelchair lift must be permanently installed.			
	EXCEPTION:			
	a. In alteration projects, a portable wheelchair lift may be approved as equivalent facilitation by DSA if the installation of a fixed lift would be impossible to accomplish (e.g., at telescoping, foldable performing or seating areas).			
12.4	Indicate compliance of existing, unaltered wheelchair lift with Sections 1116B.2, 1116B.3 and 7-3094.1, and provide DSA application number.	Title 24, Part 7, Section 3094.1		
12.5	Indicate location of all lifts on each site and floor plan.			
12.6	Lift must be located in close proximity of the path of travel that is used by the general public.			
12.7	Lift cannot be used as a component of an exit component in an egress system.			
	EXCEPTION:	1116B.3		
	a. The building has a supervised automatic sprinkler system.b. The area served by lift does not serve more than 4 wheelchair spaces.			
	c. The length of the common POT to a point where the occupant has a choice of two directions to an exit shall not exceed 30 (including the vertical travel distance of the lift).			

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 12. WHEELCHAIR LIFTS			
	d. The lift is provided with standby power or self-recharging battery power for a minimum of 5 upward and downward trips.			
12.8	Indicate stage curtain location (existing or future, in the open or stored position), and coordinate location with clear landing.			
12.9	Unenclosed lift cannot rise more than 60" in height.	7-3094.2.(c)		
12.10	If interior stairs are provided to access different levels, the lift should not be located in such a manner that a person using a wheelchair must exit the building and re-enter at another point in order to use the lift.			
12.11	In new construction, and wherever possible in alteration projects, a wheelchair lift being used to gain access onto podiums and stages should be located out of view from the auditorium together with the stairs.			
	Compliant Equal access onto the stage is achieved by providing similar approaches to wheelchair lift and staircase through enclosed side-stage.			
	Stage Auditorium THE TOTAL PROPERTY OF THE P			
	Not Compliant Operation of wheelchair lift is within view of the auditorium, making it awkward for people in wheelchair to use.			

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 12. WHEELCHAIR LIFTS			I
12.12	Shown design does not facilitate unassisted entry, operation, or exit from the lift. Modify.			
12.13	In new construction, and wherever possible in alteration projects, indicate a 60" square clear landing at each level.	7-3094.3.j(4)		
12.14	 Indicate locations of call buttons at top and bottom landings: Within reach range of the required 30"x48" clear space and at 36" AFF. Within line sight of the platform. The 30"x48" must be outside any door swing. Lower landing controls to be 24" min from any moving parts of the platform and runway. 	7-3094.2(c)3		
12.15	Indicate location of controls in platform:Within reach range of the required 30"x48" clear space for up and down travel, and at 36" AFF.			NOTE: See also DSA IRs #98-01 and #95-05 for additional requirements.
	HIGHER LEVEL LOWER LEVEL STATE 18" or 24" 18" or 24" 60" x 60" LANDING 18" or 24" 60" x 60" LANDING 60" x 60			

12	
----	--

Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).

Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.) Location of Item on Plans

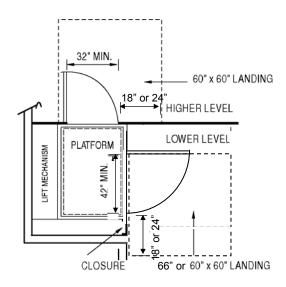
Comments Notes Examples

Check List 12. WHEELCHAIR LIFTS

12.17 Lift involving 90 degree turn: platform size shall have a width of 42" min and a length of 53" min". When the width is 42", the length shall be 60". As the width increases, the length may decrease by the same amount. The door opening at the long side must be 42" min clear.

7-3094.2(p) DSA IRs #98-01 and #95-05

Configurations for 90°	
Platform Lift	
Width	Length
42"	60"
43"	59"
44"	58"
45"	57"
46"	56"
47"	55"
48"	54"
49"	53"



- **12.18** At lower landing, provide pit for flush access into platform or a level landing at the same height as the platform with a ramp or flared sides at 8.3% max
- **12.19** If ramp or flared sides are provided, indicate configuration on plan. Ramp must be permanently installed, with slope at 8.3% max, have a 48" min long landing at the bottom of the ramp, and must be so located that a person in a wheelchair can open the bottom gate independently.

EXCEPTION:

- A landing at the bottom gate may be omitted if the gate is equipped with a power-operated opener (indicate location of control push-plate).
- **12.20** If pit is used, indicate pit depth to be 4" max, and provide a contrasting stripe around the pit area.
- **12.21** Provide safety pan cover and automatic emergency shut off.
- **12.22** Provide signs with lettering on a contrasting background, conspicuously posted at each landing indicating the following:
 - **1.** The international symbol of accessibility.
 - The lift shall not be used to transport materials or equipment.
 - 3. The lift capacity (specify max weight).
 - **4.** The telephone number to call in case of emergency.

7-3094.2(c)4

1116B.2.4.1

1133B.5.4.3 1003.3.4.4

from room. 12.24 Indicate landing and lift gates to be 42" high. 12.25 Gates have to comply with all applicable requirements for doors, with the exception of the overall dimensions of the landings inside the lift platform. 12.26 Provide emergency backup power (e.g., self-recharging battery or standby building power sufficient for 5 upward and downward trips) to exit from platform, or provide alternate emergency ramp exit. 12.27 Indicate smooth and solid platform enclosure. 12.28 Provide and indicate a remote disconnect location. 12.29 Indicate a light source that will provide 5 ft candles of light over platform if using platforms that are fully enclosed. 12.30 Where lift area is not constantly supervised, provide remote alarm or a tow-way communication system (audio-visual). Indicate location of both stations. 12.31 Bring manufacturers cut sheets for back-check. 12.32 Indicate speed and controls in specs.					
12.23 Provide signage to indicate location of lift, if lift is not visible from room. 12.24 Indicate landing and lift gates to be 42° high. 12.25 Gates have to comply with all applicable requirements for doors, with the exception of the overall dimensions of the landings inside the lift platform. 12.26 Provide emergency backup power (e.g., self-recharging battery or standby building power sufficient for 5 upward and downward trips) to exit from platform, or provide alternate emergency ramp exit. 12.27 Indicate smooth and solid platform enclosure. 12.28 Provide and indicate a remote disconnect location. 12.29 Indicate a light source that will provide 5 ft candles of light over platform if using platforms that are fully enclosed. 12.30 Where lift area is not constantly supervised, provide remote alarm or a tow-way communication system (audio-visual). Indicate location of both stations. 12.31 Bring manufacturers cut sheets for back-check. 12.32 Indicate speed and controls in specs. 12.33 For inclined platform wheelchair lifts see Sections 7-3094.3 of Part 7, of Title 24. 12.34 For special access elevators (Article 15/LuLa) see Sections 7-	1:	circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check	Justification, Reference, or Gode Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
from room. 12.24 Indicate landing and lift gates to be 42" high. 12.25 Gates have to comply with all applicable requirements for doors, with the exception of the overall dimensions of the landings inside the lift platform. 12.26 Provide emergency backup power (e.g., self-recharging battery or standby building power sufficient for 5 upward and downward trips) to exit from platform, or provide alternate emergency ramp exit. 12.27 Indicate smooth and solid platform enclosure. 12.28 Provide and indicate a remote disconnect location. 12.29 Indicate a light source that will provide 5 ft candles of light over platform if using platforms that are fully enclosed. 12.30 Where lift area is not constantly supervised, provide remote alarm or a tow-way communication system (audio-visual). Indicate location of both stations. 12.31 Bring manufacturers cut sheets for back-check. 12.32 Indicate speed and controls in specs. For inclined platform wheelchair lifts see Sections 7-3094.3 of Part 7, of Title 24. For special access elevators (Article 15/LuLa) see Sections 7- DSA IR #95-05		Check List 12. WHEELCHAIR LIFTS			
12.25 Gates have to comply with all applicable requirements for doors, with the exception of the overall dimensions of the landings inside the lift platform. 12.26 Provide emergency backup power (e.g., self-recharging battery or standby building power sufficient for 5 upward and downward trips) to exit from platform, or provide alternate emergency ramp exit. 12.27 Indicate smooth and solid platform enclosure. 12.28 Provide and indicate a remote disconnect location. 12.29 Indicate a light source that will provide 5 ft candles of light over platform if using platforms that are fully enclosed. 12.30 Where lift area is not constantly supervised, provide remote alarm or a tow-way communication system (audio-visual). Indicate location of both stations. 12.31 Bring manufacturers cut sheets for back-check. 12.32 Indicate speed and controls in specs. 12.33 For inclined platform wheelchair lifts see Sections 7-3094.3 of Part 7, of Titte 24. 12.34 For special access elevators (Article 15/LuLa) see Sections 7-	12.23				
doors, with the exception of the overall dimensions of the landings inside the lift platform. 12.26 Provide emergency backup power (e.g., self-recharging battery or standby building power sufficient for 5 upward and downward trips) to exit from platform, or provide alternate emergency ramp exit. 12.27 Indicate smooth and solid platform enclosure. 12.28 Provide and indicate a remote disconnect location. 12.29 Indicate a light source that will provide 5 ft candles of light over platform if using platforms that are fully enclosed. 12.30 Where lift area is not constantly supervised, provide remote alarm or a tow-way communication system (audio-visual). Indicate location of both stations. 12.31 Bring manufacturers cut sheets for back-check. 12.32 Indicate speed and controls in specs. 12.33 For inclined platform wheelchair lifts see Sections 7-3094.3 of Part 7, of Title 24. 12.34 For special access elevators (Article 15/LuLa) see Sections 7-	12.24	Indicate landing and lift gates to be 42" high.			
or standby building power sufficient for 5 upward and downward trips) to exit from platform, or provide alternate emergency ramp exit. 12.27 Indicate smooth and solid platform enclosure. 12.28 Provide and indicate a remote disconnect location. 12.29 Indicate a light source that will provide 5 ft candles of light over platform if using platforms that are fully enclosed. 12.30 Where lift area is not constantly supervised, provide remote alarm or a tow-way communication system (audio-visual). Indicate location of both stations. 12.31 Bring manufacturers cut sheets for back-check. 12.32 Indicate speed and controls in specs. 12.33 For inclined platform wheelchair lifts see Sections 7-3094.3 of Part 7, of Title 24. 12.34 For special access elevators (Article 15/LuLa) see Sections 7-	12.25	doors, with the exception of the overall dimensions of the	DSA IR #98-01		
12.28 Provide and indicate a remote disconnect location. 12.29 Indicate a light source that will provide 5 ft candles of light over platform if using platforms that are fully enclosed. 12.30 Where lift area is not constantly supervised, provide remote alarm or a tow-way communication system (audio-visual). Indicate location of both stations. 12.31 Bring manufacturers cut sheets for back-check. 12.32 Indicate speed and controls in specs. 12.33 For inclined platform wheelchair lifts see Sections 7-3094.3 of Part 7, of Title 24. 12.34 For special access elevators (Article 15/LuLa) see Sections 7-	12.26	or standby building power sufficient for 5 upward and downward trips) to exit from platform, or provide alternate			
12.29 Indicate a light source that will provide 5 ft candles of light over platform if using platforms that are fully enclosed. 12.30 Where lift area is not constantly supervised, provide remote alarm or a tow-way communication system (audio-visual). Indicate location of both stations. 12.31 Bring manufacturers cut sheets for back-check. 12.32 Indicate speed and controls in specs. 12.33 For inclined platform wheelchair lifts see Sections 7-3094.3 of Part 7, of Title 24. 12.34 For special access elevators (Article 15/LuLa) see Sections 7-	12.27	Indicate smooth and solid platform enclosure.			
platform if using platforms that are fully enclosed. 12.30 Where lift area is not constantly supervised, provide remote alarm or a tow-way communication system (audio-visual). Indicate location of both stations. 12.31 Bring manufacturers cut sheets for back-check. 12.32 Indicate speed and controls in specs. 12.33 For inclined platform wheelchair lifts see Sections 7-3094.3 of Part 7, of Title 24. 12.34 For special access elevators (Article 15/LuLa) see Sections 7-	12.28	Provide and indicate a remote disconnect location.			
alarm or a tow-way communication system (audio-visual). Indicate location of both stations. 12.31 Bring manufacturers cut sheets for back-check. 12.32 Indicate speed and controls in specs. 12.33 For inclined platform wheelchair lifts see Sections 7-3094.3 of Part 7, of Title 24. 12.34 For special access elevators (Article 15/LuLa) see Sections 7-	12.29		7-3094.2(f)		
 12.32 Indicate speed and controls in specs. 12.33 For inclined platform wheelchair lifts see Sections 7-3094.3 of Part 7, of Title 24. 12.34 For special access elevators (Article 15/LuLa) see Sections 7- DSA IR #95-05 	12.30	alarm or a tow-way communication system (audio-visual).			
12.33 For inclined platform wheelchair lifts see Sections 7-3094.3 of Part 7, of Title 24. 12.34 For special access elevators (Article 15/LuLa) see Sections 7- DSA IR #95-05	12.31	Bring manufacturers cut sheets for back-check.			
Part 7, of Title 24. 12.34 For special access elevators (Article 15/LuLa) see Sections 7- DSA IR #95-05	12.32	Indicate speed and controls in specs.			
	12.33				
	12.34		DSA IR #95-05		
					,

1	circled items, and an drawings and specific appointment for accepoints of disagreeme by fax to plan review.	` ,	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 13. PU	BLIC TELEPHONES			Г
13.1		nuirements and exceptions see also ninary Review Checklists and			
13.2		tion of all public pay telephones, nones, or other public telephones on			NOTE: Closed Circuit Telephones are telephones with dedicated lines such as a
13.3	project (i.e. those that are	s of all telephones included in this to be newly constructed or altered, T) and provide DSA application			house phone, courtesy phone or phone that must be used to gain entrance to a facility
13.4	Indicate POT to accessibl 30"x48" clear space.	e telephone (dashed line) and show			
13.5		ior and exterior accessible public pay circuit telephones, or other public with the following table:	1117B.2.1 ADAAG 4.1.3(17)(a)		NOTE: To be considered within the same distinctive area, no two telephones should
	Number of each type of telephone provided on each floor, or within distinctive exterior area.	Number of telephones required to be accessible (excluding TTY requirement).			be more than 200 ft apart from each other or have a level difference of more than 30" in height, and be visible from each another'
	1 or more single unit.	1 or at least 50% of telephones.			location (measured along the POT.)
	1 bank.	1 or at least 50% of telephones.			lile POT.)
	2 or more banks.	1 per bank. At least 1 per floor must provide front approach.			
	A bank is two or more adjace	ent telephones.			
13.6	Recommendation: All des	signated accessible telephones rallel approach.			
13.7	Provide additional maneu dimensions).	vering space at alcove (indicate	1117B.2.4 Fig 11B-5A		
13.8		d front elevation, indicating height of rance, and location of required			
13.9	Provide cane detectable vinto pedestrian circulation	warning at telephone that protrudes a rea.	1117B.2.7.4 1133B.8.6		
13.10	accessible telephones (12 normal). In addition, equipother public telephones withem among all types of p	rision of volume control at all 2 dBA min and 18 dBA max above to 25%, but never less than one, of all with a volume control and disperse bublic telephones, including closed thout the building or facility.	1117B.2.8 ADAAG 4.1.3(17)(b)		
13.11	4 or more public pay telep	ast one text telephone (TTY) where phones (including both interior and provided at a site. The TTY must be	1117B.2.9.1		

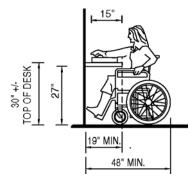
		,		
13	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 13. PUBLIC TELEPHONES			
	located on the inside in a public use area if at least one of the total is inside.			
13.12	Provide and indicate a text telephone (TTY) where at least one interior public pay telephone is located in a facility that is a stadium or arena, a convention center, a hotel with a convention center, or a covered mall.			
13.13	Provide and indicate a text telephone (TTY) where at least one public pay telephone is located in or adjacent to a hospital emergency room, hospital recovery room, or hospital waiting room.			
13.14	Provide and indicate a text telephone (TTY) where at least one public pay telephone is located in the secured area of a detention or correctional facility subject to section.	ADAAG 4.1.3(17)(c)(iv)		
13.15	Provide and indicate a text telephone in areas where a text telephone relay service is unavailable.	28 CFR 35.161		
13.16	Provide and indicate a text telephone in facilities used by entities that provide emergency services, including 911 services.	28 CFR 35.162		
13.17	Provide and indicate shelf and electrical outlet for portable TTY.	1117B.2.9.2.2		
13.18	Provide and indicate the following signage at accessible telephones:	ADAAG 4.30.7		
	1 ISA at all accessible telephones.			
	Telephone handset with radiating sound waves at all telephones with volume controls.			
	3 International TTY symbol at all text telephones.			
	4 Directional signage adjacent to all banks of telephones which do not contain a text telephone indicating the location of the nearest text telephone (TTY). Include the international TTY symbol. If a facility has no banks of telephones, the directional signage shall be provided at the entrance (e.g., in a building directory).			
1				
	At East Entrance			

PD) shall address the following marked or any additional plan review comments on cifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).

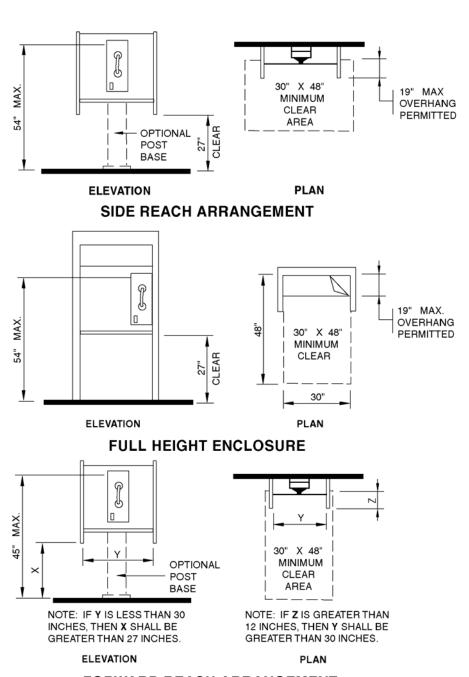
Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans
っせしこっ	0

PUBLIC TELEPHONES Check List 13.

- Indicate location of signs to be high enough to be seen even when others are using the telephone. Size signs so that they can be seen from a distance.
- **13.19** Telephone book, if provided, must be located at a position within reachable range.



13.20 In large projects with many telephone units or banks, provide ratio table, indicating total units, accessible units, volume control units, and TTY units for each floor/area.

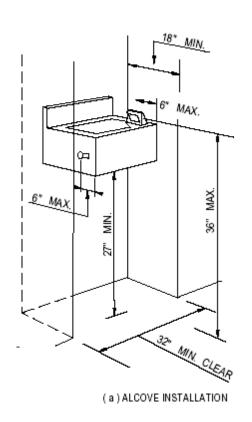


FORWARD REACH ARRANGEMENT

Fig 13-A Telephone Approaches and Reach Ranges

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
444	Check List 14. DRINKING FOUNTAINS			
14.1	For additional scoping requirements and exceptions see also applicable DSA/AC Preliminary Review Checklists and Checklist 1.			
14.2	Indicate location and user type of all interior and exterior drinking fountains (DFs) on each site and floor plan.			
14.3	Indicate compliance status of all DFs included in this project (i.e. those that are to be newly constructed or altered, or part of the required POT) and provide DSA application number.			
14.4	Indicate POT to accessible DFs (dashed line) and show 30"x48" clear space.	ADAAG 4.1.3(10)(b)		
14.5	Provide and indicate "hi-low" combination DF in new construction where only one drinking fountain area is provided per floor.	1117B.1.1		NOTE: "Hi-low" drinking fountains provide access to individuals who use
14.6	Provide and indicate "hi-low" combination DF in alteration projects if DF is part of the alteration and where only one drinking fountain area is provided per floor.	1134B.2		wheelchairs and to those who have difficulty bending or stooping. However, this can also be
14.7	Provide and indicate "hi-low" combination DF in alteration projects if DF serves the area of alteration and where only one drinking fountain area is provided per floor.	1134B.2.1 ADAAG 4.1.6(2)		achieved by providing one wheelchair accessible DF and one at a standard height convenient for those who have difficulty
14.8	Provide and indicate 50% of wheelchair accessible DFs and directional signage at drinking fountains that are not wheelchair accessible.			bending.
14.9	When exterior DFs are provided, indicate "hi-low" combination, or one wheelchair accessible DF and one DF at standard height within immediate proximity.			
14.10	All DFs must be located in alcoves.	1117B.1.2		
	EXCEPTION:			
	a. When DSA determines unreasonable hardship to locate the DF in an alcove, the DF may project into the circulation path, if the DF is made identifiable to the blind as follows:			
	 Provide truncated domes (contrasting in texture, and color) on floor surface under DF and extend the warning surface from the back wall the to 12" beyond the front edge of the DF and 12" beyond each side of the DF, or 	Fig 11B-3(b)		When truncated domes are planed, the PD must include a written request for finding of unreasonable hardship a the time of plan submittal.
	 Provide wing walls or cane-detectable rails on each side of the DF. The wings must project out from the supporting wall at least as far as the DF to within 6" of the surface of the circulation path, but cannot reduce the required clear width of the adjacent route. 			
14.11	Provide alcove dimensions:	1117B.1.2		
	1 32" min wide and 18" min deep.			
	2 36" min wide, if alcove is deeper than 24".			

1	4	circled items, a drawings and appointment fo	er (PD) shall address the following marked or and any additional plan review comments on specifications before scheduling a back check or access compliance (AC). Any questions or treement must be resolved prior to back check reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Ch	eck List 14.	DRINKING FOUNTAINS	 		
	3	Centerline of ac	cessible wheelchair DF must be 15" min cove sidewall.			
	4		cessible wheelchair DF must be 18" min cove sidewall, if alcove is deeper than 24".			
	5	Recommendation two adjacent DF	on: Provide 32" between the centerlines of s.			
14.12			the following dimensions for wheelchair larged elevations and plan:	CPC 1507.3 ADAAG 4.15		
	1.	DF must be 18"	deep and allow front approach.			
	2.		must be 27" min AFF for a depth of 8" from the front of the DF.			
	3.		nust be 9" min AFF and 17" min deep, the front of the DF.			
	4.		st provide accessible operation and be ront edge of the DF.			
	5.	The bubbler out	let must be at 36" max AFF.			
	6.		and or oval bowls, the bubbler outlet must at the flow of water is within 3" of the front			
	7.	within 6" of the f	uare bowls, the bubbler outlet must be front edge of the DF and provide a flow of callel with the front edge.			
14.13	me		rily used by children should be adjusted to ity needs in accordance with the following ns:			
	1.		height AFF must be 24" max for 22" max for kindergarten.			
	2.		let height AFF must be 32" max for 30" max for kindergarten.			
14.14			ectural plans do not correspond with site s, and/or specs. Coordinate.			
14.15	Mo	dify to provide dir	detail is not similar to actual DF fixture. nensioned detail representing the actual ible DF under this contract.			
14.16	Brir	ng manufacturer o	cut sheets for DF to back check.			



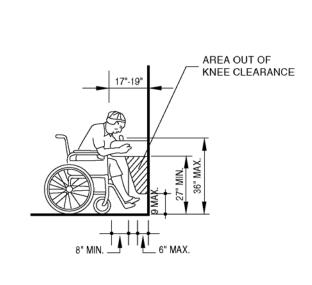
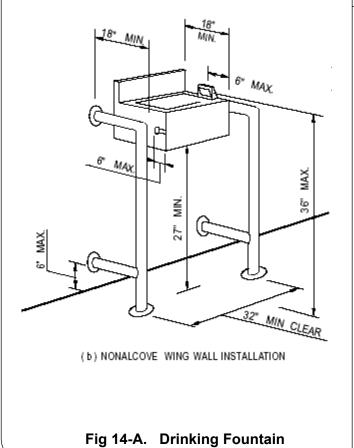


Fig 14-A. "Hi-Low" Drinking Fountain



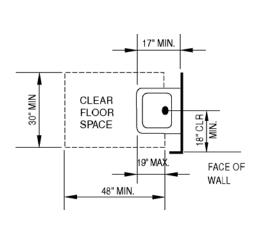


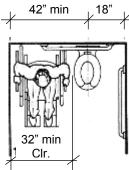
Fig 14-B. Knee and Toe Clearance

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 15. SANITARY FACILITIES			
15.1	For additional scoping requirements and exceptions see also applicable DSA/AC Preliminary Review Checklists and Checklist 1.			
15.2	Indicate location and DSA application number of all toilet and bathing facilities on site plan.			
15.3	All toilet and bathing facilities under this contract must be made accessible (i.e. those that are to be newly constructed or altered, or part of the required POT).	1115B.1		NOTE: See Section 1111B.4.6 ar Chapter 11A for bathroom in motel, hotel and other
	EXCEPTION:			residential occupancies.
	In alterations where accessibility is required to sanitary facilities serving the area of alteration, when DSA determines that compliance would create an unreasonable hardship, and when equivalent facilitation is provided.			NOTE: DSA does not determine hardship if the toilet facility provides only lateral or fro transfer. See also Item
	When equivalent facilitation is used, the following criteria shall apply:			15.4.
	Accessible sanitary facilities are provided within a reasonable distance of inaccessible sanitary facilities (~200 ft. max.).			
15.4	Provide separate fully accessible facilities for each sex and for each type of use within close proximity (max. distance not to exceed 200' one way) of inaccessible separate facilities.	1114B.1.2 1115B.1 1115B.2		NOTE: Labor code §2350 require separate facilities within a reasonable distance when
	EXCEPTION:			there are five or more employees.
	a. In alterations when DSA determines that compliance would create an unreasonable hardship, and only when equivalent facilitation would result in the provision of a side-transfer toilet. DSA may accept unisex fully accessible toilets as equivalent to a pair of partially accessible arrangements for each sex.	DSA IR #97-01		
15.5	If DSA's determination is based on provisions pertinent to wheelchair access, it will not obviate or limit in any way the obligation to comply with other accessibility requirements (i.e. those serving persons with orthopedic, visual and hearing impairments.)			
15.6	In certain alterations, DSA may allow deferral of accessibility upgrades to future projects when <u>all</u> of the following criteria is met:			
	At least one fully accessible toilet facility for each user group served at this site is provided or will be provided in the course of the current project.			
	2 The public entity has prepared an ADA Transition Plan (see DSA IR # 00-01 for a description of accepted Plan formats.)			
	The toilet facility is included in the entity's Transition Plan and scheduled to be brought into compliance within 15 months of the submittal date of the current project.	28 CFR 35.150(d)		

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 15. SANITARY FACILITIES			,
15.7	Provide at least one unisex fully accessible facility within close proximity to inaccessible unisex facilities.			
15.8	Provide directional signage at all inaccessible toilet and bathing facilities indicating the location of the nearest wheelchair accessible facility within the facility.	ADAAG 4.1.6(3)(e)(iii)		NOTE: Since the directional sign is for the benefit of people using wheelchairs, special
15.9	Location of accessible sanitary facilities or POT to those facilities should be such as not to expose persons with disabilities to weather conditions substantially different from those to which non-disabled persons are exposed.			care should be considered when choosing installation height and character size. However, Braille and raised letters may be
15.10	Common-use accessible restroom needs to be accessible directly from a corridor or from the outside (not through an office, a classroom, or any assembly or performance area which disturbs the function of that room).			omitted.
15.11	In alterations of kindergarten at least one accessible toilet facility must be made accessible for children of that age group.			
15.12	Door leading to sanitary facility must be accessible. Indicate door width, landing dimensions and slope, and show 90° door swing on plan.	1115B.4 ADAAG 4.1.3(7)(c)		
15.13	Door cannot swing into the 30"x48" clear space required for any fixture (i.e. front and side transfer spaces at accessible WCs, spaces at accessible urinal and all lavatories, and transfer spaces at accessible showers and bathtubs).	1115B.7.1.2 ADAAG 4.22.2, 4.23.2		
15.14	Recommendation: Door should not swing into the 30"x48" clear space required for the use of any dispenser, disposal, or other accessory.			
15.15	Indicate 30"x48" clear space on plan at accessible urinal, shower/bathtub, and for at least one accessible lavatory.			
15.16	Indicate 60" diameter circle or 63"x56" rectangle on plan (clear space measured from floor to 27" height).			
15.17	Doors, other than the door to the accessible compartment, cannot swing into the 60" circle or 63"x56" rectangle for more than 12".	1115B.7.1.1 1115B.7.2		
15.18	In alterations, provide as-built dimensions pertinent to compliance status.			
15.19	For restroom signage see Checklist 17.			
15.20	Coordinate plumbing drawings with architectural drawings.			
15.21	See architectural drawings for additional plan review notes.			
15.22	Coordinate all fixtures shown on fixture schedule with all plumbing fixtures shown on plumbing and architectural drawings.			

Check List 15. SANITARY FACILITIES WATER CLOSETS (WCs) AND COMPARTMENTS 5.23 Compartment door to accessible fixture must comply with door maneuvering requirements. Indicate strike edge clearance and leading don'th (e.g., for front pull side approach show 10" and		'	
5.23 Compartment door to accessible fixture must comply with door maneuvering requirements. Indicate strike edge clearance and			
maneuvering requirements. Indicate strike edge clearance and			
landing depth (e.g., for front pull-side approach show 18" and 60" dimensions). See Checklist 8 for door requirements.	ADAAG 4.22.2, 4.23.2, Fig. 25		
15.24 Provide and indicate the following for compartment door to accessible fixture:	1115B.7.1.4		
Side entry stall door must have 34" clear opening.			
2. Front entry stall door must have 32" clear opening.			
3. Stall door must be self-closing, and have U-pulls on both sides. A locking mechanism must be included that does not require grasping, pinching, or wrist turning.			
15.25 Front entry stall door must be located in front of the WC side transfer space –and not in front of the WC– with a maximum stile width of 4 inches. Relocate door or fixture.	ADAAG Fig. 30(a)		
4" max			
15.26 In multi-accommodation toilet rooms, provide and indicate a 44" min clear passageway to the accessible WC compartment, excluding door openings and door swings.	1115B.7.1.4		
In accessible compartments with out-swinging side entry stall doors, provide and indicate a 60" square space in front of the WC. Out-swinging door and 60" square directly in front of water closet. (All dims are min. u.o.n.)	1115B.7.1 1115B.7.2 ADAAG Fig. 30(a-1)		

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	lıstification	Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 15. SANITARY FACILITIES				
15.28	In accessible compartments with in-swinging side entry stall doors, provide and indicate 94" min total stall length when using wall-mounted, or 97" when using floor-mounted WC.				
	A: 97" B: 94" In-swinging door. A: Floor-mounted WC B: Wall-mounted WC (All dims are min. u.o.n.)				NOTE: When the 4" stile width dimension is reduced, the overall stall length can be decreased by the same amount.
15.29	In accessible compartments with out-swinging front entry stall doors, provide and indicate 48" max in front of the WC.				
15.30	Indicate height of top of WC seat. Provide exact dimension, not a range and coordinate with specs.	11	15B.2.1		
15.31	Indicate WC flush valve to be on wide side of toilet area.				
15.32	In new construction and alterations, indicate 18" absolute from centerline of WC to nearest sidewall.		15B.7.1.3 15B.7.2		
15.33	Nearest sidewall or partition must be parallel to centerline of WC.	11	15B.7.1.3		
15.34	Recommendation: Provide back wall.				
15.35	Indicate a 28" min wide clear distance between the accessible WC (or tank) and any other fixture or 32" to sidewall or partition that is located on the wide side.		15B.7.1 15B.7.2		
	42" min 18" 42" min 18" 28" min Clr				



15.36 Indicate 42" min from centerline of WC to wall on wide side, or indicate total width of clear area to be 60" min (18"+42") to allow side and front transfer use.

15.37 Provide one semi-ambulant stall where six or more WCs are provided within a multiple-accommodation toilet room.

ADAAG Fig. 28-c 1115B.7.1.5

ADAAG 4.23.4

PAGE | **15**-4

1	5	circled items, a drawings and s appointment fo	er (PD) shall address the following marked of and any additional plan review comments on specifications before scheduling a back chector access compliance (AC). Any questions or preement must be resolved prior to back chector reviewer (PR).	k	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Ch	eck List 15.	SANITARY FACILITIES		I		
15.38		Stall must be 36	the following at semi-ambulant stall: "wide absolute (delete "min"). t provide 24" in front of the WC, and allo	N W			
		installation of gr	ab bars on each side.				
		Stall door must lon both sides ar	provide 32" clear opening. be out-swinging, self-closing, have U-pund a locking mechanism that does not g, pinching, or wrist turning.	ills			
	5.6.	must be 40" min	rs must be provided on both sides and long (42" preferred). C should be 18" from sidewalls.		ADAAG Fig. 30(d)		
GRAB I	BARS	S IN TOILET FACIL	LITIES				
15.39	Inc	dicate height of gr	rab bar to be 33" o.c. AFF.		1115B.8.1		
	EX a.		type toilet is used which obstructs 3", the back grab bar may be 36" max c	D.C			
15.40 15.41	At gra	WC not located i	bar to be 36" min long. n compartment, indicate 36" long back 12" beyond the center of the WC toward 4" toward the open side.	1	ADAAG Fig. 29		
15.42		WC located in co	ompartment, indicate back grab bar to b est sidewall.	e	ADAAG Fig. 30(a)		
15.43			n compartment, indicate 42" min long si 54" min beyond the back wall.	de	ADAAG Fig. 29		NOTE: To ensure compliant installation the use of a 48
15.44	inc		ompartment and providing front transfer, ig side grab bar to extend 54" min beyon				long side grab bar, located 9" from the back wall, is recommended.
15.45	de		2" long and required to extend 54" min, the 12" and the "min" at the 54"				
15.46	Ind	dicate diameter o	f grab bars and coordinate with specs.		1115B.8.2		
15.47		dicate space betv 2" clear (delete "n	veen grab bar and adjacent wall to be 1 nin").				
ACCES	SOR	IES					
15.48			d provide necessary dimensions for all ensers/disposals/accessories (e.g., soa	p,			

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 15. SANITARY FACILITIES			
	paper towel, seat cover, feminine tissue, electric dryer, coat hooks, etc) on enlarged plans and elevations. Elements must be within reach range of user but cannot protrude into any required clear floor space.			
15.49	Relocate accessories/dispensers to be no closer than 1.5" below and 18" above grab bars (except if accessories are recessed, flush with wall, and have no sharp edges).			
15.50	Indicate toilet paper dispenser (TPD) centerlines to be 12" max from the front edge of the WC and 19" min AFF. TPD that control delivery, or that do not permit continuous paper flow, shall not be used.	1115B.9.3 ADAAG 4.16.6		
-	19" min This was a second of the second of t			
15.51	Indicate projection of dispensers and disposals (e.g., toilet paper dispenser, feminine tissue disposal (FTD)) in accessible and semi-ambulant compartment to be 3" max. Provide recess for installation and coordinate elevations, notes, and specs.	DSA IR #99-07		
15.52	Seat cover dispensers (SCD) must be within reach range of the clear space in front of or next to the water closet (36" max preferred to be from front edge of WC to centerline of SCD). FTD should be installed adjacent to WC with the top at approximately the same height.			
_	36" max (preferred)			

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 15. SANITARY FACILITIES			
15.53	If dispensers and disposals are N.I.C., indicate dimensions of recess or compliant projection (3" max.)			
15.54	Indicate coat hook in accessible stall to be at 48" AFF.			
15.55	Indicate height of operable parts, including coin slots of dispensers, disposals and other equipment (at least one of each type) to be 40" max AFF.	1115B.9.2		
15.56	Indicate bottom of all mirrors at lavatories to be 40" max AFF (i.e. to the bottom of the mirrored surface not frame.)	1115B.9.1.2		
15.57	Provide soap and paper towel dispensers/electrical dryer within reach range of clear 30"x48" user space at accessible lavatory/sink.			
15.58	Indicate size and location of waste bin in all floor plans; especially if waste bin is N.I.C. This provides owner with dimensional requirements for purchase or installation. Provide recessed space in case waste bin would protrude into any required clear floor space (consider doors, fixtures, accessories, circulation path, etc.)			
LAVA1	ORIES (LAVs)			
15.59	All lavs must be made accessible.	1115B.9.1		
15.60	Provide and indicate 18" min from any adjacent side wall to centerline of lav.			
15.61	Provide enlarged side elevation indicating the following dimensions:	1115B.2.1.2		DSA may consider lavs protruding objects if they are located in the direct
	1. Rim or counter edge no higher than 34" AFF.			path of travel, or if a blind person would not expect
	 Apron to floor 29" min. 27" min knee clearance. 			them at this location.
	4. If a minimum 9" high toe clearance is provided, a maximum of 6" of the 48" clear floor space required at the fixture can extend into the toe space.			

1	appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 15. SANITARY FACILITIES	ı		
	KNEE 8" MAX. CLEARANCE CLEARANCE MIN. 18" DEPTH			
15.62	Shown lav elevation does not reflect actual fixture chosen. Modify or spec fixture that is shown in drawing.			
15.63	Provide note on plan stating that all hot water and all drainpipes must be insulated or otherwise covered.			
15.64	Provide the following note on plan: "There shall be no sharp or abrasive surfaces under lavatories".	1115B.2.1.2.2		
15.65 URINAL	Paper towel dispenser/electrical dryer cannot protrude into 30"x48" at lav.			
15.66	Provide at least one wall hung accessible urinal and indicate the following:	1115B.2.1.1 ADAAG 4.18.	2	

- the following:

- 1. Rim to be 17" max AFF.
- 2. Recommendation: rim to be 13" min AFF to accommodate toe clearance.
- 3. Rim to project 14" min from back wall.
- Flush control at 44" max AFF.
- **15.67** Indicate 15" min clearance from centerline of urinal to any wall or partition that projects out less than 24" from the front edge of the 30"x48" clear space.

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 15. SANITARY FACILITIES			
15.68	Indicate 18" min clearance from centerline of urinal to any wall or partition that projects out more than 24" from the front edge of the 30"x48" clear space.	Fig 11B-5A		
	30"x48"			
SHOW	ERS			
15.69	Provide one accessible shower for each 100 (or fraction thereof) of total showers.			
15.70	Indicate size of shower stall to be either:	Fig 11B-2		NOTE:
	1. 36"x60" with a 36" deep and 60" long clear space in front of the opening.	ADAAG 4.21.2 ADAAG Fig 35		Shower stalls measuring 42"x48" are not specifically covered by federal
	Or			guidelines and are pending approval by the U.S. DOJ.
	2. 30"x60" with a 36" deep and 60" long space in front of the opening.			
15.71	In open shower facilities (gang showers), locate accessible shower in corner and provide grab bars as shown in CBC Figure 11B-2C (the 36" long grab bar must be located so that seat can be folded up).	1115B.6.3		
15.72	Provide the following shower accessories and indicate location and dimensions:	1115B.6.2.4		
	Single-lever faucet control.			
	2. Hand-held sprayer with hose.			
	3. Folding seat.			
	4. Grab bars.			
	5. Soap dish.			
15.73	Indicate floor slope to be 2% max.			
15.74	30"x60" shower stall cannot have curb or lip.	ADAAG 4.21.7		

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 15. SANITARY FACILITIES			
BATHT	UBS			
15.75	Provide one accessible bathtub for each 100 (or fraction thereof) of total bathtubs.			
15.76	Indicate size of clear floor space in front of bathtub (in relation to long dimension of tub):	Fig 11B-8 ADAAG Fig 33		
	1. 48"x60" for perpendicular approach at bathtub with seat in tub.			
	2. 30"x60" for parallel approach at bathtub with seat in tub.			
	3. 30"x75" for parallel approach at bathtub with seat behind head-end of tub.			
15.77	Provide the following bathtub accessories and indicate location and dimensions:	1115B.6.1		
	Single-lever faucet control.			
	2. Hand-held sprayer with hose.			
	3. Seat.			
	4. Grab bars.			
	5. Soap dish.			
LOCKE	R ROOMS IN BATHING FACILITIES			
15.78	Provide one accessible locker for each 100 (or fraction thereof) of total lockers.	1115B.6.4 ADAAG 4.1.3(21)		
15.79	Locker must allow approach from both sides (left and right) and the front.	(21)		
15.80	Provide elevation and indicate heights of locks (at 48" max), shelves (between 15" and 48"), and hooks (at 48" max).			
15.81	Recommendation: Shelves should be height adjustable.			
15.82	Provide and indicate a bench or section of bench close to the accessible locker, measuring 24" deep, 48" wide, and 18" high, and fixed to a wall along the longer dimension.	1110B.1.7 ADAAG 4.35.4		
15.83	Provide and indicate a 60" square clear space in front of the accessible bench section, located in such a manner to allow a person using a wheelchair to make a parallel transfer onto the bench.			
15.84	Recommendation: Provide horizontal and vertical grab bars at the accessible bench section.			
	Provide and indicate a 36" min wide POT to accessible locker			

1:	circled items, and a drawings and speci appointment for acc	D) shall address the following marked ony additional plan review comments on fications before scheduling a back checkess compliance (AC). Any questions or the must be resolved prior to back checker (PR).	k	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 15. SA	ANITARY FACILITIES				
CHILDE	REN					
15.86	Design and construction primarily used by childre accessibility needs. See	of toilet and bathing facilities en should be adjusted to meet their Figure 15-A at the end of this table of suggested dimensions.				
						/
				1		

A = Adult Dimensions (age 12 and over).

E = Elementary dimensions.

K = Kindergarten and pre–school dimensions.

FED = ADAAG dimensions for children age 12 and younger, shown for reference only.

ALTER	NATIVE DIMENSIONS	Α	E	K	FED
		(Inches)	(Inches)	(Inches)	Children
а	Toilet centering from wall	18	15	12	12-18
b	Toilet seat height/dimensions to top of seat	17-19	15	11-12**	11-17
С	Grab bar height (centerline)	33	27	20-22	18-27
d	Toilet paper above floor (centerline)	19 min	-	-	14-19
е	Toilet paper in front of toilet	12 max	6 max	6 max	-
f	Napkin disposal in front of toilet	12 max	12 max	N/A	-
g	Sanitary dispenser height	40 max	36 max	32 max	29-44
h	Mirror height (to bottom of glass)	40 max	34 max**	32 max	34 max
ı	Lavatory/sink top height	34 max	31 max**	26 max**	31 max
i	Lavatory apron clearance	29 min	-	-	24 min*
k	Lavatory/sink knee clearance	27 min	24 min	19 min	24 min*
	Urinal lip height	13-17	13-15	14 +/-1	-
m	Urinal, toilet flush handle height	44 max	37 max	32 max	36 max
n	Drinking fountain bubbler height	36 max	32 max	30 max	30 max
0	Drinking fountain knee clearance	27 min	24 min	22 min	-
р	Ramp/stair handrail height	34-38	27***	22***	28 max
q	Fixed or built-in seating, table top height	28-34	-	-	26-30*
r	Fixed or built-in seating and table knee clearance	27 min	24 min	-	24 min*
S	Forward reach range (high)	48 max	-	-	36-44
t	Side reach range (high)	54 max	-	-	36-44
u	Forward reach range (low)	15 min	-	-	16-20
٧	Side reach range (low)	9 min	-	-	16-20

^{*} No ADAAG requirement if element is used primarily by children ages 5 and younger and if clear floor and parallel approach is provided.

Fig 15-A. Alternative Dimensions for Children's Use

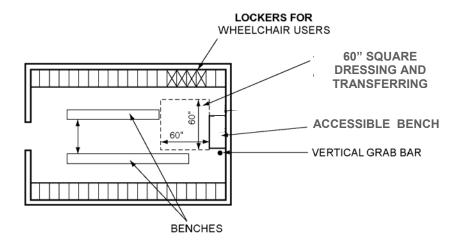


Fig 15-B. Locker Rooms

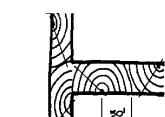
© 2003 DSA/OUD

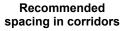
^{**} Change from CBC due to more restrictive federal standards (see GC 4450(b) and CBC §101.17.11).

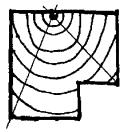
^{***} In addition to adult rail.

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 16. ALARMS			
16.1	For general scoping requirements and exceptions see also Checklist 1. To be reviewed in coordination with Fire/Life/Safety.			NOTE: See Section 1111B.4.5 ar Checklist 22 for additional requirements in motels,
6.2	Every facility that has, or is required to have an emergency warning system must be equipped with means of warning persons with hearing impairments in accordance with NFPA 72 as amended in Chapter 35 of Title 24 and the ADAAG.	1114B.2.4 ADAAG 4.1.3(14)		hotels and other residentioccupancies.
	EXCEPTION:			
	 a. Emergency warning systems in medical care facilities may be modified to suit standard health care alarm design practice. b. In large assembly areas, such as auditoria or stadiums, where the appropriate administrative authority determines that the provision of audio/visual alarm notification would constitute a hazard to the general public. 			
16.3	When installation of an emergency warning systems is required in this building, provide names or numbers, and function (relevant to the occupancy type and use) for all rooms and areas.			
16.4	Provide visual alarm signals (strobe lights) in all common-use areas and indicate location and intensity on plans.	CBC 204 ADAAG		DEFINITION: "Common-Use Areas"
	Toilet and bathing facilities.	4.28.1, ATBCB		refers to those interior and exterior rooms, spaces, o
	2. Classrooms and locker rooms.	Bulletin #2		elements that are made available for the use of a
	3. Band and music practice rooms.			restricted group of people
	4. Gymnasiums and multipurpose rooms.			(for example, occupants a homeless shelter, the
	5. Occupational shops.			occupants of an office building, or the guests of
	6. Occupied rooms where ambient noise impairs hearing of the fire alarm.			such occupants).
	7. Corridors, hallways, lobbies, and enclosed staircases.			
	8. Cafeterias, meeting and conference rooms.			
	9. Any rooms frequently used by persons with hearing impairments (such as HIP or speech therapy classrooms).			
	10. Filing and photocopy rooms, employee break rooms.			
	11. Dressing, examination, and treatment rooms, and similar spaces that are not used solely as employee work areas.			
	12. Any other area for common use.			
16.5	Strobe lights must provide 75 candela min intensity (effective strength, measure at the source.)	ADAAG 4.28.3(4)		NOTE: ADAAG requirements for
	EXCEPTION:			alarm systems may be
	a. In smaller rooms, such as examination, toilet, and dressing rooms, a single strobe of lesser intensity may well be sufficient as an equivalent facilitation. However, as			more stringent than those Chapter 35 or NFPA 72.

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).		Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 16. ALARMS			I I	
	there is no process for certifying alternative methods (except in transportation facilities under DOT enforcement), the responsibility for demonstrating equivalent facilitation in the event of a challenge rests with the covered entity.				
16.6	Provide note or indicate on plan installation height of strobe light to be between 80" and 96" AFF, or 6" min below the ceiling, whichever is lower.	I	TBCB Julletin #2		
16.7	Where ceiling mounted strobe lights are provided, bring manufacturers cut sheets to back check, showing the 6" below the ceiling requirement is met.				
16.8	Recommendation: Large, high-ceilinged spaces may best be served by suspended flash tubes of very high intensity (lamps up to 1000 candela are available for such applications).				
	Recommend Not Recommended				
16.9	No place in common corridors shall be more than 50' from the strobe light.				







Placement in irregularly configured rooms

16.10 All areas required to be "strobed" must have a direct line of sight to at least one strobe light.

EXCEPTION:

- a. Areas with columns less than 36" wide.
- Restrooms with toilet stall partitions, less than 84" high AFF.
- c. Areas with half high partition walls, less than 60" high AFF.

Title 24, Part 3, Sec. 760-16 NOTE: ADAAG requirements for alarm systems may be more stringent than those in Chapter 35 or NFPA 72.

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or	Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 16. ALARMS				
16.11	Provide note or indicate on plan installation height of fire alarm initiating device (pull box) to be at 48" AFF.				
	EXCEPTION:				
	 In alteration projects, when the initiating device is 54" AFF and parallel approach is provided, initiating device does not have to be relocated. 				NOTE: ADAAG requirements for alarm systems may be more stringent than those in
16.12	Provide front and parallel approach at newly installed fire alarm initiating device.				Chapter 35 or NFPA 72.
16.13	Indicate accessible operating hardware at initiating device (e.g., not requiring tight grasping, pinching, or twisting of the wrist, and force less than 5 lbs).	1117E ADAA 4.27.4	G		
16.14	Fire alarm initiating device must be located on POT.				
16.15	Fire alarm initiating device cannot be located where a person using a wheelchair would be forced to reach over an obstruction.	Fig. 1	1B-5C(a)		
16.16	Provide note or indicate on plan or elevation height of fire extinguisher cabinet opening hardware to be at 48" AFF max.				
16.17	Provide front and parallel approach at newly installed fire extinguishers.				
16.18	Indicate accessible opening hardware at fire extinguisher cabinet (e.g., U-pull and latch force less than 5 lbs.)				

1	7	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Ch	eck List 17. SIGNAGE AND WAY-FINDING			
17.1	арр	additional scoping requirements and exceptions see also licable DSA/AC Preliminary Review Checklists and ecklist 1.			
17.2	and	vide details and specs for all signs applicable to this project indicate the provision/installation on site plans, floor plans elevations.			
17.3	doo	ns that are located on or at doors must be included in the r schedule, or provide a separate signage schedule which rences the door mark for each sign.			
17.4		erence signage details for each door and and indicate ssage (e.g., "TO EXIT", "GIRLS", "124", etc).			
17.5	The	following signs may be required:			
	1.	"Tow-away" signs at parking lot entrance (or at stall).	1129B.5		
	2.	Accessible parking signs, incl. van sign.	1129B.5		
	3.	Accessible passenger loading zones.	ADAAG 4.1.2(7)(b)		
	4.	Exterior directional signage.	1127B.3		
	5.	International Symbol of Accessibility (ISA) signs at all accessible entrances.	1117B.5.7		E
	6.	Directional signage at all inaccessible entrances, directing persons to the nearest accessible entrance.	28 CFR 35.163(b)		
	7.	Assistive Listening System (ALS) signs, indicating availability of ALS.	1104B.2.4		ISA (International Symbol of Accessibility)
	8.	Raised letters/California Grade 2 Braille EXIT signs at all exit doors (NOTE: this is in addition to the overhead/low-level illuminated exit signs).	28 CFR 35.163(a)		.,, isosooiaig/
	9.	California restroom symbols (circle/triangle) on door leafs, incl. ISA if restroom is wheelchair accessible.	1115B.5		
	10.	Restroom identification sign on wall shall include gender pictogram, raised letters and California Grade 2 Braille.	1115B.5		
	11.	ISA accessible seating, incl. aisle seats, companion seats, and wheelchair spaces at bleachers.	1104B.3.4.1, DSA IR #98- 05		
	12.	Area of evacuation assistance identification and illuminated signage.	1114B.2.2.5		
	13.	Volume control sign at telephones.	1117B.2.8		
	14.	TTY signage and TTY directional signage.	1117B.2.9.2, 3		
	15.	Building directory or lobby sign informing building users that specific sanitary facilities and/or elevators for public use have been remodeled.	1117B.5.8		
	16.	Warning signs at inaccessible exits.	1133B.1.1.1.1		
	17.	Enclosed stairway signage.	DSA IR		
	18.	Elevator and elevator lobby signage.	#98-06 Title 24, 3003		
			1		I

19. Platform lift signage.

Title 24, 7-3094

1	7	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Ch	eck List 17. SIGNAGE AND WAY-FINDING			
	20.	Evacuation plans.			
		No Smoking signs.			
	22.	Recommendation: Provide sign at main visitor entrance area to notify about the provisions of the ADA, and indicate the contact information of the entity's ADA-Coordinator.	28 CFR 35.106, 107		
17.6	use	licate and specify materials, colors, and typestyles to be ed for all accessible signage (visual and tactile), according to following criteria:	1117B.5 ADAAG 4.30		
	1.	Except for reflective parking and traffic signs, all identification, informational and directional signs must have non-glare backgrounds and characters. "Matte," "satin" or brushed metals are rarely appropriate. These and other shiny or reflective materials are only appropriate for frames or other strictly decorative elements which don't intrude into area of sign.			
	2.	Contrast between characters and background must be 70% min.			
	3.	Character width 100 percent max and 60 percent min of height, measured by width of uppercase "X" at base; or by width of uppercase "O" (whichever is more narrow). Stroke width must be 10 percent min to 20 percent max of character height, measured by stroke, width, and height of uppercase "I."			
	4.	Add specifications for visual characters as follows: visual characters can be serif or sans serif and upper and lowercase characters may be used for visual characters. Recommendation: Use upper and lowercase characters except where required by other codes or statutes, with possible exception of headings.			
	5.	Use typestyles which are conventional and non-decorative. No script, italic or oblique typestyles.			
	6.	Ease all edges and corners of signs. On signs installed on poles, provide radius corners and eased edges.			
17.7	cha cha Red of a	d specifications for tactile characters as follows: raised aracters must use sans serif font, in all uppercase aracters. No serif fonts of any kind are allowed. commendation: Specify 1/8" min between two closest points adjacent tactile characters, measured at top surface of aracters. Recommend beveled or rounded characters.			
17.8	cha ma	lifornia Grade 2 Braille must accompany raised text aracters. NOTE: Most Braille signs that are identified by nufacturers to be ADA compliant, do not comply with lifornia's requirement.			
17.9	eac	commendation: Rounded or domed California Braille dots, ch distinct and separate. Dots with straight sides and flat s are not readable for many Braille users.			NOTE: Most Braille signs that are identified by manufacturer to be ADA compliant, do n comply with California's requirement.

1	7	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Che	eck List 17. SIGNAGE AND WAY-FINDING			
17.10	mus top o	fornia Braille dots within cells must be 1/10" apart o.c. Cells to be 2/10" apart. Measure cell distance from the center of dot location of column two of the first cell to the center of dot location of column one of the next cell on right, within same word. Dots must be 1/40" high at dot apex.			
17.11		cate material and color descriptions and sample typestyles an as follows:			
		Include color and material specifications for sign message backgrounds and characters to demonstrate minimum contrast and non-glare characteristics.			
		Show 1" high examples of uppercase characters "I," "O," and "X", in chosen typestyle(s), indicating whether style is for tactile characters, visual characters, or both.			
17.12	Prov	vide character and symbol size for all signs as follows:			
		On visual signs, size characters and symbols according to viewing distance. Signs mounted 80" or more AFF must have 3" high min characters.			
		Recommendation: Pictograms and ISAs on interior signs at eye level should be 3" min high or twice as high as height of largest text on sign, whichever is greater. On signs where bottom is 72" or more AFF, minimum should be 6" high or twice as high as height of largest text on sign, whichever is greater. NOTE: Pictograms and other symbols, such as ISAs, which are included on signs with raised characters and Braille are not required to be raised. The ISA, when included on a tactile sign, does not require any accompanying text, either visual or tactile.			
	3.	On tactile signs, raised characters must be 5/8" min and 2" max high. Recommendation: Character height 1."			
	4.	Pictograms (pictorial symbols) that identify rooms and spaces, such as gender pictograms for restrooms must be			NOTE: Pictograms and other

Pictograms and other symbols, such as ISAs, which are included on signs with raised characters and Braille are not required to be raised. The ISA, when included on a tactile sign, does not require any accompanying text, either visual or tactile.

17.14	For exterior wayfinding signs, determine all decision points on
	site, beginning at pedestrian entrances, bus stops, parking lots
	and drop off points, where accessible POT deviates from
	regular pedestrian POT. Specify and locate on plan directional
	or informational sign for each decision point so that steps do
	not have to be retraced. Sign must include ISA and appropriate
	arrow and/or text. Determine appropriate size by distance from

17.13 Where size is dictated by code, specify exact sizes and

1/4" thick, and have 12" measurements.

in a 6" min high field directly above accompanying raised

text and California Braille. No characters or Braille in field.

material thickness. For instance, geometric symbol signs are

which sign will be viewed and mounting height of sign. Recommendation: Do not include signs with ISA at intervals along POT when entire POT is accessible.

1. ISA must be white on Federal Blue background, with non-glare surface.

17

Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).

Justification,
Reference, or
Code Citation
(C.C.R. Title 24,
u.o.n.)

Location of Item on Plans

comments lotes examples

Check List 17. SIGNAGE AND WAY-FINDING

- Recommendation: Use as little text as possible, and for existing facilities, determine what terminology is already used by those on site. To aid those with cognitive disabilities, be consistent, brief and repetitive.
- 17.15 Place ISA at each accessible building entrance. Where all entrances are not accessible, place directional or informational sign so that steps do not need to be retraced, to direct from inaccessible to accessible entrances. Include ISA on sign along with appropriate arrow and/or text.
 - On campuses where individual classrooms are entered by exterior doors, rather than through a central hall or corridor within building interior, and all such exterior doors are accessible, do not specify an ISA at each such door.
 - 2. Recommendation: Place signs where persons in wheelchairs can see them at eye level. Don't place signs at bottom of doors. If no space directly on door, prominent sign with ISA can be placed adjacent to door.
 - Recommendation: If electronically controlled door opens
 with push button device, specify label with prominent ISA
 located where visible as door is approached. If impossible,
 specify that ISA with directional arrow to control be located
 where visible as door is approached.
 - 4. Recommendation: California statute requires that every building entrance have a sign stating "No Smoking" or "No Smoking Except in Designated Areas." This sign should follow the rules for informational signs, with no glare, high contrast, and readable type. It can be included on the same sign panel as the ISA to reduce clutter.
- 17.16 When interior accessible POT diverges from regular pedestrian POT, and when one is not immediately visible from the other, (for instance, elevator is not adjacent to stair or lift to stage platform is behind door) or when all facilities such as restrooms, drinking fountains, telephone equipment and ground floor exits are not accessible, specify and locate on plan informational and/or directional signs, to include appropriate Symbol of Accessibility and text such as "Restroom," "Elevator" or "TTY" along with brief text and arrows to indicate location of accessible elements. Locate signs at decision points so that steps will not have to be retraced.
 - At the approach to an inaccessible exit, provide a sign directing to the nearest accessible exit. Install at location so that steps do not need to be retraced. Add additional directional signs at subsequent decision points as necessary.
- 17.17 Provide sign schedule to show identification of all permanent rooms and spaces, including restrooms and exits, with raised characters accompanied by California Braille, in compliance with standards for tactile character and Braille signs. Requirement applies to all such rooms and spaces whether entered from interior hallways, or by individual exterior

NOTE:

Pictograms and other symbols, such as ISAs, which are included on signs with raised characters and Braille, are not required to be raised. The ISA, when included on a tactile sign, does not require any accompanying text, either visual or tactile.

NOTE:

Pictograms and other symbols, such as ISAs, which are included on signs with raised characters and Braille, are not required to be raised. The ISA, when included on a tactile sign, does not require any accompanying text, either visual or tactile.

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).		Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 17. SIGNAGE AND WAY-FINDING				
	entrances. Indicate on schedule any accompanying visual text and symbols or pictograms.				
17.18	Recommendation: Use room numbers to identify all rooms except for restrooms and exits. Carefully consider the logical POT through site or building before establishing identification system. For small facilities with 10 or fewer rooms or offices, or				

- 7.18 Recommendation: Use room numbers to identify all rooms except for restrooms and exits. Carefully consider the logical POT through site or building before establishing identification system. For small facilities with 10 or fewer rooms or offices, or for individual offices contained within larger enclosed numbered areas, letter identification may be appropriate. In existing facilities, if classrooms already have well-established numbers, it may be necessary to use letters for other rooms such as storage areas. Also, it may be appropriate to use a letter-number combination where there are separate buildings. Room function, such as "Classroom," "Principal" or "Custodian" may be included on the sign in visual text. For economy, include the room function or occupant on a changeable insert or panel.
- **17.19** Recommendation: Provide sign schedule in conjunction with door schedule.
 - Provide appropriate terminology for restrooms on sign schedule: For male facilities, "Men," "Boys." For female facilities, "Women," "Girls." For single use unisex facilities, "Restroom." For unisex facilities which accommodate an attendant or parent, "Family Restroom."
 - 2. Specify appropriate tactile exit sign for each exit door. Use terminology established by California State Fire Marshal for tactile exit signs. For ground floor door which exits to exterior, use "EXIT." For door leading directly into exit stairway or rampway, use "EXIT STAIR (or RAMP) DOWN (or UP)" as appropriate. For marked exit leading into exit corridor, hallway or space use "EXIT ROUTE." For horizontal exit (very rare) use "TO EXIT."
 - Recommendation: When exits are alarmed, or exit door will lock and not allow reentry, it is helpful to people who are blind to add second tactile sign stating "ALARM" or "DOOR WILL LOCK."
 - 4. In buildings with more than one floor and with enclosed stairwells, include in sign schedule required floor level identification numbers, accompanied by California Braille. Show location of signs on plan adjacent to door inside stairwell leading to corridor.
- **17.20** Provide drawings for identification signs as follows:
 - Show layout of typical sign indicating position of raised text in relationship to Braille and any other raised elements on sign, such as borders or frames. Indicate location of pictograms and symbols on tactile identification signs and geometric door signs as appropriate by providing scale drawings of each sign type.
 - Recommendation: Locate raised text and Braille below center of sign. Braille should be directly below text, separated by 3/8" min from bottom of text to top of Braille,

Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans Comments Notes Examples	
Check List 17. SIGNAGE AND WAY-FINDING			
either flush left with text or centered below it, depending on layout. Keep tactile messages very brief. However when raised text is multi- lined, keep entire raised text together, followed by entire Braille message below it, rather than alternate lines of text and Braille. Raised text			

and Braille should be 1/2" min away from raised borders or frames, which can interfere with reading of tactile material.

- 3. Geometric symbol door signs for restrooms must contrast with door, dark on light or light on dark. For unisex door signs, triangle to contrast with circle, which must contrast with door. Entire background color of geometric symbol sign must contrast with door. It is not allowed to have a thin contrasting border around symbol, with remainder of sign background in a non-contrasting color. ISA, contrasting with background, may be on sign.
- 4. If a gender pictogram is desired on geometric symbol sign, it must be repeated above raised characters and Braille on tactile sign adjacent to door. ISA may be included on either tactile sign, next to gender pictogram, or may be only on geometric symbol sign, as desired. No raised text or Braille is to be included on geometric door sign.
- When restrooms have no doors, but merely a privacy wall, geometric symbol sign can become the tactile sign. Appropriate gender pictogram can be on geometric sign, with raised text and Braille below.
- For stair level sign at ground level, tactile 5 pointed star should be placed to left of floor number. All star points should be of equal length, and star should be same height as floor number. Braille translation for star is "Main." NOTE: (Title 19) Do not confuse with 12-inch Fire Code sign required in all enclosed stairwells in buildings of four or more floors. The 12-inch sign does not require raised characters or Braille, and should not be located immediately adjacent to door leading from stairwell into corridor.
- **17.21** Provide additional required signs on schedule as appropriate: schedule.
 - Locate accessible phone equipment on plan and specify appropriate Symbols of Accessibility, the TTY Symbol for text telephones, and the Volume Control Symbol for volume control phones. If there are banks of phones with no accessible equipment, indicate placement of sign that directs from those phones to accessible phones.
 - Determine if assistive listening system is required, and specify appropriate informational signs, to include appropriate symbol. Locate signs at box office or lobby, at entrance, or at administration building, as appropriate. More than one sign can be provided. Include information on sign telling how to reserve or be provided with system.
 - 3. When buildings have been remodeled to provide accessible elements such as restrooms and elevators.

1	7	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Che	ck List 17. SIGNAGE AND WAY-FINDING			
	-	post sign at entrance or in lobby informing of available features.			
	(In buildings with more than one floor which have interior corridors, elevators and/or enclosed stairwells, evacuation plans are required. Locate these plans inside each main building entry, each elevator lobby, and in close vicinity of each door leading to enclosed stairwell. Evacuation plans are directional and informational and must conform to standards for visual signs. They must be non-glare, high contrast, and use readable text and symbols of appropriate size. Hotels and lodging houses must include evacuation plans in each room, and must provide evacuation information usable by persons with vision impairments. The preferred means is audible information.			
17.22		ify installation of signs and show location of signs on plan. include required installation.			
	\ 1 0	Informational and directional signs can be installed on walls, doors, posts, or in the interiors of buildings, projecting from walls or hanging from the ceiling in corridors, as long as location will allow them to be easily found and read by persons with various disabilities.			
	(Specify location of ISAs for wheelchair users at eye level (43" - 51"), except when they need to be seen across a arge space. Specify location of TTY Symbol or Volume Control Symbol high enough so it can be seen even when telephone is in use by another person. Specify location of International Symbol of Hearing Loss to indicate the availability of an assistive listening system outside entrance to room where it can be used, and also in Lobby, at ticket window, or at entrance to office where it must be reserved for use.			

3. Specify location of tactile signs as follows: Tactile signs must be installed adjacent to specific door they identify, at 60" on center AFF. Sign must not be installed behind an obstruction, and reader must be able to approach sign

Recommendation: When door opens outward, center sign horizontally within 18 inch space adjacent to latch side of

Specify location of evacuation plans so that lower edge of

within 3" without being hit by swing of door.

plan is no more than 48 inches from finish floor.

Cross Section Visual/Tactile Characters

Rectangular

Beveled

Rounded



1/8" - 3/8" SPACE BETWEEN TOP SURFACES OF TACTILE LETTERS

Fig 17-A. Character Spacing

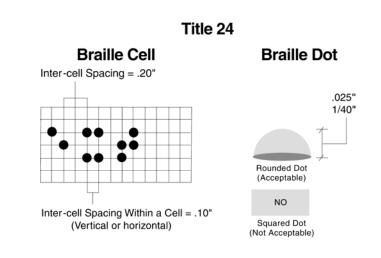


Fig 17-B. California Braille

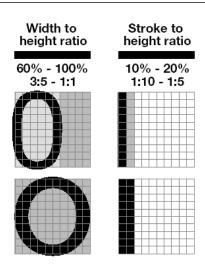


Fig 17-C. Font Ratio



0% white on 100% background



0% white on 70% background



30% text contrast on 100% background



15% text contrast on 85% background

minimum 70% contrast difference between characters/graphics and background

Fig 17-D. Contrast

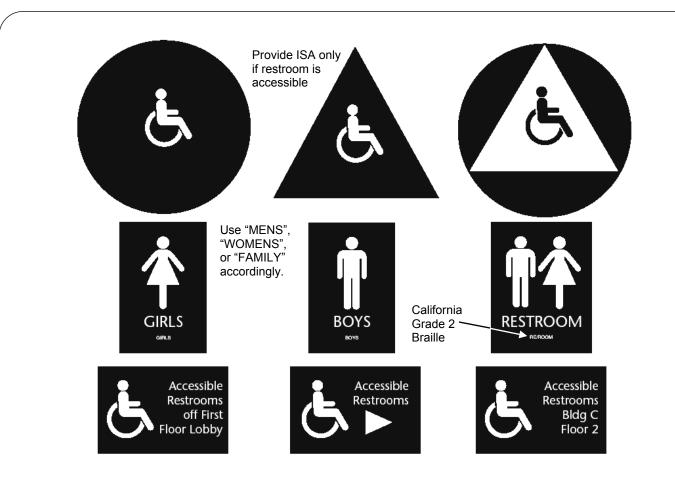


Fig 17-E. Recommended Restroom Signage

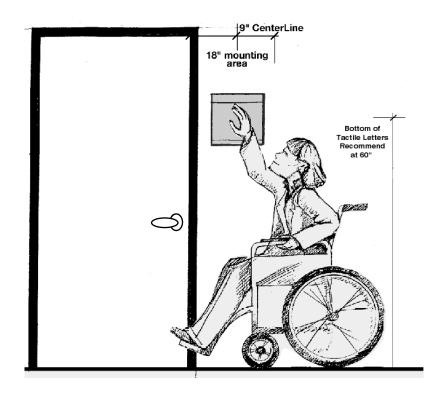


Fig 17-F. Mounting Height

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 18. ASSEMBLY USE AREAS			
18.1	For additional scoping requirements and exceptions see also applicable DSA/AC Preliminary Review Checklists and Checklist 1.			
18.2	For the purpose of Access Compliance review only: Regardless of occupancy load or classification, the requirements of CBC 1104B are not limited to Group A facilities or portions of facilities but do also apply to any facility or portion of facility which is used, either full-time or part time, or can be characterized as an assembly area.			DEFINITION: "Assembly Area" is a room or space accommodating a group of individuals for recreational, educational, political, social, civic, or amusement purposes, or for the consumption of food and drink.
ASSIS	STIVE LISTENING SYSTEMS (ALS)			
18.3	Provide and indicate an ALS in all assembly areas, conference rooms, and meeting areas that are affected by project scope, whether device is in this contract or provided by the owner:			NOTE: If ALS is N.I.C. or to be provided by owner, state so on the plan and provide
18.4	Provide and indicate a permanently installed assistive listening system in this space/room if:	1104B.2 ADAAG 4.1.3(19)(b)		specs for equipment.
	The space/room accommodates at least 50 persons, or has an audio-amplification system, and			
	2. The space/room has fixed seating.			
18.5	Provide and indicate a portable or permanently installed assistive listening system in this space/room.			NOTE: Portable ALS may serve more than one space/room.
18.6	Indicate location of ALS sign on plan for each space/room required to be equipped with an ALS and indicate text. This requirement applies even if the system is N.I.C.			
	ASSISTIVE LISTENING SYSTEM AVAILABLE AT (LOCATION) PLEASE ASK			Recommendation: Indicate location of ALS headsets on sign.
18.7	Reference detail of ALS signage.			
18.8	Provide ratio table for each space/room, indicating total number of seats and number of personal receivers required (4% min but never less than 2 receivers).	1104B.2.1		
18.9	Specify type of ALS even if the system is N.I.C. (See http://www.access-board.gov/publications/9-als/index.htm for an explanation of the different types available.)			

1	8

Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).

Justification, Reference, or Code Citation (C.C.R. Title 24 u.o.n.)

Item on Plans Location

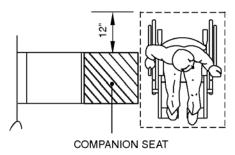
Check List 18. **ASSEMBLY USE AREAS**

AUDITORIUMS, ASSEMBLY HALLS, THEATERS, AND RELATED **FACILITIES**

- **18.10** Provide a seating layout plan.
- **18.11** Where fixed or semi-permanent seating is provided identify on seating layout plan the location of:
 - 1. Wheelchair spaces (show 33"x48" or 33"x60").
 - 2. Companion seats (e.g., mark seat with a "C").
 - Semi-ambulant seats (e.g., mark seat with a "S").
 - Transfer or aisle seats (e.g., mark seat with a "T").
- **18.12** Provide ratio table indicating total number of seats and number of wheelchair spaces, companion seats, semi-ambulant seats, and transfer seats.

Seating Capacity	W	С	S	Т	ALS Receiver
4 to 26	1	1	2	1	2
27 to 50	2	2	2	1	2
51 to 200	4	4	2	1	4%
201 to 300	4	4	3	2	4%
301 to 500	6	6	1%	1%	4%
599	6	6	6	6	24
600	7	7	6	6	24
601	7	7	7	7	25

- **18.13** Indicate slope at wheelchair space to be 2% max.
- **18.14** Indicate size of wheelchair space to be:
 - 1. 33"x48" for front or rear access.
 - 33"x60" for side access.
- **18.15** Indicate one companion seat next to each wheelchair seat. Companion seat must be integrated with the seating for the general public and of the same style and type. If fixed seating is provided, companion seat must be fixed too.
- **18.16** Companion seat must be located 12" from the back end of the wheelchair space to allow shoulder-to-shoulder seating.



Note:

Companion seats cannot be included in the count for semi-ambulant seats

1104B.3.4.1 1104B.3.8

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 18. ASSEMBLY USE AREAS			
18.17	Provide detail (1/4" scale) of area, showing all relevant dimensions, including wheelchair maneuvering space, all adjacent slopes and level changes, and required egress routes.			
18.18	Provide additional space in front or behind designated wheelchair space to ensure safe and convenient access and egress for the person using a wheelchair and the general public.			
18.19	Semi-ambulant seating must provide 24" clear leg room from the front edge of the seat to the nearest obstruction.			
	24" MIN			
18.20	Provide a reasonable portion of transfer seats on or adjacent to a wheelchair accessible route.			NOTE: Transfer seats are
18.21	Indicate removable armrest and sign at transfer seat.			intended to facilitate seating of wheelchair users who wish to transfer
18.22	Where total seating capacity exceeds 300, provide accessible wheelchair seating in more than one location.			to existing seating during an event when fixed seating is provided. Many
18.23	Rearrange seating layout to provide integral seating for people using wheelchairs and their companions.			persons who use wheelchairs are able to transfer to fixed seating
18.24	Rearrange seating layout to provide choice of admission prices and lines of sight for people using wheelchairs and their companions.			with this relatively minor modification.
18.25	Provide elevation or section to indicate how lines of sight requirement is met.	1104B.3.5		
18.26	Where spectators are expected to remain seated during events, spectators seated in wheelchairs must be provided with lines of sight to the performance area or playing field comparable to that provided to spectators in the seating area in closest proximity to the location of the wheelchair spaces, but not in the same row.			

© 2003 DSA/OUD

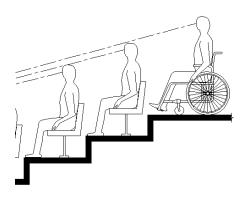
1	8

Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).

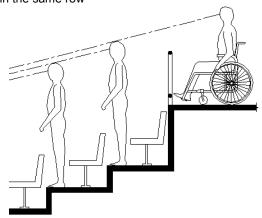
Reference, or Code Citation (C.C.R. Title 24 (C.C.R. 1 u.o.n.)

Item on Plans Location

Check List 18. **ASSEMBLY USE AREAS**



18.27 Where people will be expected to stand at their seats during events, wheelchair spaces shall be located so that they will provide people seated in wheelchairs with lines of sight of the performance area or playing surface over standing spectators comparable to that provided to standing spectators in the seating area in closest proximity to the wheelchair spaces, but not in the same row



- **18.28** If removable seats are planned, indicate on plan assigned storage space for removable seats.
- Provide in the specifications a note stating that contractor should not install removable seats but to store them in the designated area.
- **18.30** Provide and indicate POT from wheelchair space to performing areas, including stages, arena floors, dressing rooms, locker rooms and other spaces used by performers, and public restrooms.
- 18.31 Stages, enclosed and unenclosed platforms, orchestra pits and preparation areas must be made accessible.

EXCEPTION:

a. When DSA finds that requiring compliance for an enclosed or unenclosed platform or depressed area not more than 24" above or below an adjacent accessible level, would

NOTE:

Public entities must keep wheelchairs spaces free from removable seats in all but the most unusual cases (e.g., if an event is sold out and there were no requests for wheelchair spaces, removable seats can be installed and sold to non-disabled patrons).

1104B.3.10

1104B.3.13

1104B.3.11

18	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 18. ASSEMBLY USE AREAS		'	
	create an unreasonable hardship, the enclosed and unenclosed platform or depressed area must be made accessible by a portable ramp with a slope not exceeding 8.3%. b. In existing buildings, when DSA determines that compliance would create an unreasonable hardship, an exception may be granted when equivalent facilitation is			
18.32	provided. Employee and customer side of all ticket booths, refreshment and concession stands must be made accessible.	1104B.3.12		
18.33	Provide enlarged detail and elevations for ticket booth, refreshment and concession stands.			
18.34	Provide signage at ticket office that notifies customers of the availability of the different types of accessible seating and assistive listening devices.	ADAAG 4.1.3(19)(a)		
18.35	In outdoor assembly use areas (e.g. amphitheater type seating on turf) provide required ratio of wheelchair and companion seat spaces, located on a POT.			
18.36	Recommendation: In amphitheaters, provide transfer platform if seating is on turf.			
18.37	In amphitheaters, provide warning curb where abrupt changes in level between the POT and adjacent seating areas exceed 4" in height.	1133B.8.1		
18.38	Provide perimeter guardrails, or walls, or fences (42" min high) at all elevated seating areas that are more than 30" AFF.	1133B.5.7.5		
	EXCEPTION:			
	a. Guardrails at the front of the front row of seats that are not located at the end of an aisle and where there is no cross aisle may have a height of 26" and need not meet the 4", however, a midrail shall be installed.			
PAVILI	UMS, GRANDSTANDS, BLEACHERS, ATHLETIC ONS, GYMNASIUMS AND MISCELLANEOUS SPORT- 'ED FACILITIES.			
18.39	Accessible seating for stadiums, grandstands, bleachers, athletic pavilions, gymnasiums and miscellaneous sport–related facilities must comply with 1104B.3 and items 18.10 through 18.30 of this Checklist.	1104B.4.1		
	EXCEPTION:			
	a. At folding bleachers where wheelchair spaces are provided by a cut back in the first rows, and when DSA finds that integrated companion fixed seats cannot be obtained the following design will be accepted:	DSA Policy #98-05		

18	appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 18. ASSEMBLY USE AREAS			
	 Provide a 24"x48" clear space for companion seating next to each wheelchair space, with signage identifying it on the companion seat. Provide an ISA on the floor or on the front of the lowest bleacher row in front of space to identify the wheelchair space. The number of wheelchair accessible seats must be dispersed equally for each side (home and visitors) and cannot be clustered into one location for each 			
	side. b. At bleachers and grandstands, when DSA finds that the lines of sight or choice of admission price requirements for semi-ambulant seating would create unreasonable hardship, semi-ambulant seating may be provided in the first rows, if these seats are dispersed equally for each side (home and visitors) and not clustered into one location for each side. c. At bleachers and grandstands, when DSA finds that the lines of sight or choice of admission price requirements for transfer/aisle seating would create unreasonable hardship, transfer/aisle seating may be provided in the first rows, if these seats are dispersed equally for each side (home and visitors) and not clustered into one location for each side, and if there is a 30"x48" clear space for parallel transfer directly adjacent to the designated transfer/aisle seat.			
18.40	Customer side of all ticket booths, refreshment and concession stands must be made accessible.	1104B.4.2		
18.41	Recommendation: Employee side of all ticket booths, refreshment and concession stands should be made accessible.			
	EXCEPTION:			
	Employee side of all ticket booths, refreshment and concession stands in facilities that are used by state and local entities must be made accessible.	28 CFR 35.149		
18.42	Provide enlarged detail and elevations for ticket booth, refreshment and concession stands.			
18.43	Provide signage at ticket office that notifies customers of the availability of the different types of accessible seating and assistive listening devices.			
18.44	Provide and indicate a POT to all participation and activity areas, including the following:	1104B.4.3, 4, 5		
	1. Tennis, racquetball and handball courts.			
	2. Gymnasium floor areas and general exercise rooms.			
	3. Basketball, volleyball and badminton courts, and bowling lanes.			
	4. Swimming pool deck areas and swimming pools.			

1	8	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24,	Location of Item on Plans	Comments Notes Examples
	Ch	eck List 18. ASSEMBLY USE AREAS			
	5.	Athletic team rooms and facilities, playing fields and running tracks.			
	6.	Club rooms (home and guest).			
	7.	Sanitary and locker facilities (home and guest).			
	8.	Baseball/softball player dugout.			
18.45	ass swi	ovide pool lift with ridged seat and arm rests or ramp to sist persons with disabilities to access and egress the imming pool independently. Bring manufactures cut sheet to ck check.			
18.46		emovable lift is used, provide sign (incl. ISA) at a aspicuous location, indicating availability of lift.			
18.47		neral exception applicable to sanitary & locker facilities, vered by 1104B.5:			
	a. b.	When DSA determines that compliance would create an unreasonable hardship, an exception may be granted when equivalent facilitation through the use of other methods or materials. In existing buildings, when DSA determines that compliance would create an unreasonable hardship, an exception may be granted when all of the following minimum conditions are met:			
		1% of total seats are to be accessible if the seating capacity is less than 5000. 1% also the seat for each salditional 2000 costs when a seat for each saldition and a			
		1% plus 1 seat for each additional 2000 seats when the capacity exceeds 5000.			
		 Sanitary facilities, ticket booths, clubrooms concession stands and refreshment facilities are accessible. 			
		 One of each type of participation area is usable and accessible. 			
18.48		ovide vertical access to press boxes, announcer booths and nilar facilities.	1114B.1.2 ADAAG 4.1.1(1)		
	EX	CEPTION:	7.1.1(1)		
	a.	In alteration projects, where the existing press/announcer box is less than 400 square feet and has less than 30 lineal feet of observation counter space, and DSA determines that compliance would create an unreasonable hardship, an exception may be granted if an alternative, accessible press/announcer box is provided for individuals who cannot climb stairs that complies with the following minimum requirements:			
		 Provision of same equipment, video/audio jacks, and football & track scoreboard outlets. 			
		 Provision of at least 3 workstations. Provision of same amenities (rain and wind shelter, HVAC, etc.). 			

1	8	circled items, a drawings and s appointment for	er (PD) shall address the following mand any additional plan review common specifications before scheduling a baser access compliance (AC). Any quest reement must be resolved prior to base eviewer (PR).	ents on ck check tions or	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Chec	k List 18.	ASSEMBLY USE AREAS	3			
		(down, right	dation: Box should be elevated a re the playing field (reachable by	t least 18			
18.49	at all e	levated seatin	ardrails, or walls, or fences (42" of g areas that are more than 30" A		1133B.5.7.5		
		PTION:					
	loc ais	cated at the er sle may have a	e front of the front row of seats that nd of an aisle and where there is a height of 26" and need not mee ail shall be installed.	no cross			
18.50		ceed 9" when	ace between footboards and seaf footboards are more than 30" AFI		1133B.5.7.5		
18.51	made a	accessible.	type of functional activity occurs		1104B.5.1 ADAAG 5.1		
		PTION:					
	b. In we	impliance wou deeption may be ovided. alteration projould not allow	ects, where DSA determines that ld create an unreasonable hardsl e granted when equivalent facilit ects, when legal or physical cons compliance with these regulation ation without creating an unreason	nip, an ation is straints s or			NOTE: Jurisdictional findings and determinations for exception (b) are subject t an internal DSA appeals process.
18.52		rs, levels, and accessible.	mezzanines of dining areas mus	et be			
	EXCE	PTION:			1120B.1.2		
	со	impliance wou ception is gra A minimum area is on a	ects, where DSA determines that ld create an unreasonable hardsl nted provided that: of 75% of the dining, banquet an common level or connected by ramps, passenger elevators or sp	nip, an d bar	ADAAG 5.4		
	•	and, The same s accessible s are not rest	ervices and decor are provided in space usable by the general publicited to use by people with disab	n an ic and oilities.			NOTE: Jurisdictional findings and
	an an	d where DSA	ew construction of non-elevator to determines that compliance wou hardship, an exception is granted to the control of the cont	ld create			determinations for exception (b) are subject t an internal DSA appeals process.

1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 18. ASSEMBLY USE AREAS			
	 The area of mezzanine seating measures no more than 25 percent of the area of the total accessible seating area; and, 			
	 The same services and decor are provided in an accessible space usable by the general public, and, 			
	 The accessible areas are not restricted to use by people with disabilities. 			
18.53	Provide and indicate one 30"x48" clear space for each 20 of total seats for each functional area.			
18.54	Provide enlarged detail and elevations of accessible section of fixed tables and counters and indicate surface top to be 34" max. Knee clearance at bars, counters, and tables must be at least 27"x30"x19".	1122B		
18.55	Fixed tables and counters primarily used by children should be adjusted to meet their accessibility needs. See Figure 15-A in Checklist 15 for suggested dimensions.			
18.56	Provide and indicate adequate maneuvering and passing space behind each wheelchair space.	Fig. 11B-13		
18.57	Wheelchair space must be integrated with general seating.			
18.58	Provide 36" clear POT to wheelchair seating space.			
18.59	Provide and indicate 36" min wide (42" preferred) food service aisles.			
18.60	At food service aisles, provide and indicate all tray slides to be 34" max AFF.	Fig. 11B-16		
18.61	Provide and indicate at least 50% of each type self-service shelves to be within reach ranges.	Fig. 11B-5C Fig. 11B-5D		
18.62	Indicate reach range dimensions for tableware, dishware, condiments, food and beverage display shelves, and dispensing devices.	Fig. 11B-17		
18.63	Provide and indicate accessible doors to all food preparation areas.			
18.64	Toilet, bathing, and locker facilities for food preparation employees must be made accessible.			
RELIG	IOUS FACILITIES			
18.65	Provide and indicate access to sanctuaries, assembly areas, platforms, choir rooms, performing areas, and sanitary facilities.	1104B.6		
	EXCEPTION:			

1	8	circled items, a drawings and appointment fo points of disag	ner (PD) shall address the fand any additional plan rev specifications before scheor access compliance (AC) greement must be resolved reviewer (PR).	iew comments on duling a back check . Any questions or		Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Ch	eck List 18.	ASSEMBLY USE	AREAS				
	a.	compliance wou	jects, where DSA deterr uld create an unreasona pe granted when equiva	ble hardship, an				
18.66	Pro	ovide and indicate	access to choir lofts.					
	EX	CEPTION:						
	a.		jects, where DSA deterr ıld create an unreasona oe granted.					
18.67		ovide and indicate ces.	accessible doors to all	classrooms and				

1	9	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Che	eck List 19. BUSINESS AND MERCANTILE U	SE AREAS		
19.1	app	additional scoping requirements and exceptions see also licable DSA/AC Preliminary Review Checklists and ecklist 1.			
19.2	Reg requ Gro app full-t	the purpose of Access Compliance review only: pardless of occupancy load or classification, the uirements of CBC 1105B and 1110B are not limited to up B and M facilities or portions of facilities but do also ly to any facility or portion of facility which is used, either time or part time, or can be characterized as a business or cantile area.			
OFFIC FACIL		ILDINGS, PERSONAL AND PUBLIC SERVICE			
19.3		following areas in business and professional office ities must be accessible:	1105B.3.2		
	1	Client, visitor, office areas and related toilet facilities.			
	2	Conference rooms, counseling rooms or cubicles and similar areas.			
	3	Provide 36" min wide clear access to all employee work areas.			
	4	Professional medical and dental offices (see also Checklist 21 for additional requirements.)			
19.4		following areas in personal and public service facilities as must be accessible:	1105B.3.3		
	1.	Client, visitor, office areas, and related toilet facilities.			
	2.	Provide 36" min wide clear access to all employee work areas.			
	3.	Automated teller machines used by a financial institution and its customers for the primary purposes of executing financial transactions.			
19.5		following areas in public utility facilities must be essible:	1105B.3.4		
	1.	Office areas, meeting rooms and similar areas, and related toilet rooms.			
	2.	Public tour areas, to the extent that such public tours are conducted through or about a facility, or where the public is permitted to walk in such areas.			
		EXCEPTION:			
		 a. Facilities located in operational areas which would not have any reasonable availability to or usage by persons who use wheelchairs for mobility are not subject to the wheelchair accessibility requirements. b. When DSA determines that compliance would create an unreasonable hardship, an exception may be granted when equivalent facilitation is provided. 			

1	9	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).		Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Che	eck List 19. BUSINESS AND MERCANTILE U	SE AR	EAS	Γ	
		Visitor overlook facilities, orientation areas and similar public–use areas, and any sanitary facilities that serve these facilities.				
19.6		following areas in police department, law enforcement, fire artment facilities and courtrooms must be accessible:		1105B.3.5 ADAAG 12.1		
		Office areas, conference rooms, classrooms, dormitories, dispatch rooms and similar areas, along with related sanitary facilities.				
		5% but never less than one individual meeting area in detention–visitor rooms (both sides).				
		2% but never less than one detention cell facility of each type with supporting sanitary facilities.				
		Courtroom areas, including the judge's chambers and bench, counsel tables, jury box, witness stand and public seating area.				
19.7	The	following areas in sales facilities must be accessible:		1110B.1.1		
		General sales, display, and office areas, along with related sanitary facilities.				
19.8	Prov stati	vide wheelchair access to employee side of sales work on.		1110B.1.2		
19.9	telle	vide and indicate the top of all sales and service counters, r windows, and information counters to be 34" max AFF for ngth of 36" min on the customer side.		1110B.1.2 ADAAG 7.2		
	EXC	EPTION:				
		Where seated service is provided, for example in banks, insurance offices, travel agencies, etc, counters and fixed tables must provide knee and toe clearances. At checkstands (see 1110B.1.3 for requirements)				
19.10	remo	ft-prevention barriers and any device used to prevent the oval of shopping carts from store premises cannot limit ess or egress to people in wheelchairs. Provide accessible y that is equally convenient to that provided for the general ic.		1110B.1.6 ADAAG 7.4		
19.11	fittin	ride and indicate 5% but never less than one accessible g or dressing room for each type of use in each cluster of sing rooms.				
19.12		tify type of use of each dressing room on floor plan (e.g., omer, staff, male, female, family, etc).				
19.13		vide enlarged plan and elevations for accessible dressing ns and indicate the following:		1110B.1.7 ADAAG 4.35		
	1.	Accessible door or curtain.				

1	9	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).		Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Ch	eck List 19. BUSINESS AND MERCANTILE US	SE AR	EAS		
	2.	Full-length mirror, 18"x54" min, bottom at 20" max AFF, and positioned to afford a view to a person on the bench as well as to a person standing.				
	3.	Clothing hook at 48" max AFF.				
	4.	Bench or section of bench close, measuring 24" deep, 48" wide, and 18" high, and fixed to a wall along the longer dimension.				
	5.	60" square clear space in front of the accessible bench section, located in such a manner to allow a person using a wheelchair to make a parallel transfer onto the bench. (Door cannot swing into this square.)				
	6.	Recommendation: Provide ISA on outside of door to accessible dressing room.				
	7.	Recommendation: Provide vertical grab bar (24" long) installed in front of the front edge of the bench but within reach range of a person sitting on the bench.				
19.14		vide and indicate the following minimum circulation aisle pedestrian way widths at all areas with fixed displays:		1004.3.2.2.2 1105B.3.6.1		
	1.	36" min if displays and similar fixtures or equipment are placed on only one side of the aisle.		1110B.2.1 ADAAG 4.1.3(12)(b)		
	2.	44" min if displays and similar fixtures or equipment are placed on both sides of the aisle.				
19.15	and or o	vide and indicate the following minimum circulation aisle pedestrian way widths at all areas with non-fixed displays lisplays that are N.I.C. to inform the owner of aisle width uirements at displays:		1004.3.2.2.2 1105B.3.6.1 1110B.2.1		
	1.	36" min if displays and similar fixtures or equipment are placed on only one side of the aisle.				
	2.	44" min if displays and similar fixtures or equipment are placed on both sides of the aisle.				
19.16	Pro are	vide and indicate 32" min clear door opening at all storage as.		1105B.3.6.2 1110B.2.2 1125B		
						,

2	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 20. EDUCATIONAL USE AREAS			,
20.1	For additional scoping requirements and exceptions see also applicable DSA/AC Preliminary Review Checklists and Checklist 1.			
20.2	For the purpose of Access Compliance review only: Regardless of occupancy load or classification, the requirements of CBC 1106B are not limited to Group E facilities or portions of facilities but do also apply to any facility or portion of facility which is used, either full-time or part time, or can be characterized as an educational use area.			
20.3	All laboratories, prep rooms, dark rooms, computer rooms, equipment rooms, teaching facility cubicles, study carrels, and libraries must be made accessible.	1106B.1		
	EXCEPTION:			
	 a. In existing buildings where DSA determines that compliance would create an unreasonable hardship, an exception may be granted when equivalent facilitation is provided. b. In existing buildings where DSA determines that, due to legal or physical constraints, compliance with the height requirement or equivalent facilitation would create an unreasonable hardship. 			NOTE: Jurisdictional findings and determinations for exception (b) are subject to an internal DSA appeals process. (see also item G18 in Checklist 1)
LABOR	RATORIES (LABs)			,
20.4	Provide and indicate 5%, but never less than one accessible workstation of each type of use in labs, science, home economics and other similar specialized classrooms.			
20.5	Provide and indicate at least one teaching or demonstration station to be accessible.			
20.6	Provide and indicate 5%, but never less than one accessible workstation of each type of use in laboratory preparation rooms, supply rooms, dry rooms, cold rooms, walk-in freezers, sterile rooms small research laboratories, and areas containing specialized equipment not readily usable by persons with particular disabilities.	1106B.2		
	EXCEPTION:			
	a. Where DSA determines that compliance would create an unreasonable hardship, such facilities need not be made fully accessible, except that a clear width of 32" must be maintained into such rooms.			
20.7	Provide and indicate at least one of each type of sink and other specialized equipment such as fume hoods, microscopes, emergency eyewash and showers, etc, associated with the special use activity to be accessible.			

2	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 20. EDUCATIONAL USE AREAS			
20.8	Provide floor plan and indicate:			
	All workstations and equipment.			
	2. 30"x48" clear space at each accessible workstation and at accessible equipment.			
	Aisle width, maneuvering and turning clearances from room entry to all accessible elements.			
20.9	Integrate accessible workstations with standard workstations.			
20.10	Disperse accessible student workstations, where more than one is accessible.			
20.11	Provide and indicate minimum knee clearance at workstation or equipment of 27" high, 30" wide, and 19" deep.	1122B.3		
20.12	Provide and indicate height of accessible work surface depending of the type of use:	1122B.4 ADAAG		
	1. Between 28" and 34" AFF.	A4.32.4		
	2. Recommendation: Provide 28" to 31" for fine motor activities (writing, conducting experiments, drafting).			
	3. Recommendation: Provide 31" to 34" for gross motor activities (transactions, activities at sinks, display, storing).			
20.13	Provide elevation or manufacturer's cut sheet for accessible fume hood indicating knee clearance and height of operable parts and controls to be 48" max AFF.			
20.14	Provide elevation or manufacturer's cut sheet for accessible emergency shower indicating height of operable parts and controls (e.g., pull-handle) to be 48" max AFF.			
20.15	Provide elevation or manufacturer's cut sheet for accessible emergency eyewash indicating centerline of bubbler to be 36" max AFF (see figure 20-B of this checklist)			
20.16	Indicate 48" min aisle width for sink back-up space.			
20.17	Provide and indicate reach range dimensions for gas/air/water outlets.			
20.18	Provide and indicate lever-action faucets at gas/air/water outlets.			
	ING FACILITY CUBICLES, STUDY CARRELS, COMPUTER ROOMS, AND DARKROOMS.			
20.19	Provide and indicate 5%, but never less than one accessible workstation of each type of use at the following teaching facilities:	1106B.3		
	Cubicles and study carrels.			

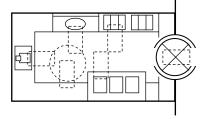
20

Justification, Reference, or Code Citation (C.C.R. Title 24 u.o.n.) Location of Item on Plans

Comments
Notes

Check List 20. EDUCATIONAL USE AREAS

- 2. Computer stations.
- 3. Language.
- 4. Medical and dental stations.
- 5. Audio-visual.
- Typing, drafting.
- 7. Painting, sculpting, and ceramics studios.
- 8. Vocational, wood, and metal shops, including spray booth.
- Darkrooms.
- **20.20** Provide and indicate at least one teaching or demonstration station to be accessible.
- 20.21 Provide floor plan and indicate:
 - 1. All workstations and equipment.
 - 2. 30"x48" clear space at each accessible workstation and at accessible equipment.
 - 3. Knee clearance and reach ranges, if applicable.
 - **4.** Aisle width, maneuvering and turning clearances from room entry to all accessible elements.
- 20.22 Provide accessible door at darkroom.



Compliant Darkroom

60" turning radius, 30"x48" clear space and knee clearance at each different type of equipment, door opening 32", inner diameter of door 57" clear provided.

LIBRARIES

- **20.23** Provide and indicate 5%, but never less than one accessible library workstation of each type of use in each area, including:
 - 1. Cubicles, reading and study carrels.
 - 2. Computer stations.
- **20.24** Provide floor plan and indicate:
 - 1. Service, information, and checkout counters.
 - 2. Book drop.

1106B.3 ADAAG 8.2

2	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24,	Location of Item on Plans	Comments Notes Examples
	Check List 20. EDUCATIONAL USE AREAS			
	3. Book stacks, shelves, display tables and cabinets, card files, etc. 4. Aigle widths, managements and turning clearances.			
	 Aisle widths, maneuvering and turning clearances throughout the public area. 			
	All workstations and equipment, including copying machines.			
20.25	Indicate height of counter/table top to be 34" max AFF.			
20.26	Indicate book-drop at 48" max AFF (36" preferred).			
20.27	Bookshelves must be 54" AFF or less.			
	EXCEPTION:			
	a. When an attendant is available at all times to assist persons with disabilities to retrieve books, shelves may be located higher than 54" AFF.	1106B.4.3		
20.28	Card catalogs and magazine displays must be 48" max AFF for front reach and 54" max AFF for side reach (48" preferred).			
20.29	Indicate 44" min width for all main aisles.			NOTE:
20.30	Indicate 36" min width for all side, range, and end aisles.			Depending on the occupancy load, Chapter
20.31	Dead-end aisles cannot be longer than 20'.	1004.3.2.4		10 may require wider aisles.
20.32	Provide and indicate the following dimensions when turning around bookshelves:			
	1. 90 degree turns can be made from a 36" wide aisle into another 36" aisle if the depth of the bookshelf is >48" on the inside dimensions of the turn.	11B-5E		
	2. U-turns around bookshelves less than 48" wide can be made if the aisle width is 42" min and the base of the U-turn space is 48" min. wide.			
	As required Book Stacks Book Stacks See CBC Fig. 11B-12(b) for turning space			
	All dimensions are min, u.o.n. Chapter 10 may require wider aisle widths. All book stacks less than 48" deep, u.o.n.			

20

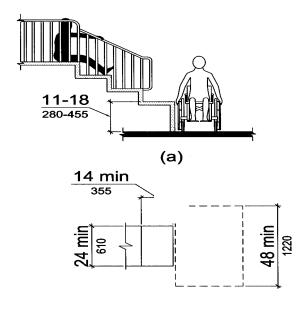
Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.) Location of Item on Plans

comments Notes Examples

Check List 20. EDUCATIONAL USE AREAS

PLAYGROUNDS

- 20.33 Provide and indicate POT to playground.
- 20.34 Provide and indicate POT from playground area to play equipment.
- **20.35** Provide and indicate accessible playground equipment as required by federal guidelines (see http://www.access-board.gov/play/finalrule.htm).
- **20.36** Provide and indicate destination material around playground equipment, to comply with the following standard, referenced by the federal guidelines (ADAAG 15.6):
 - ASTM F 1487-98 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use
 - ASTM F 1951-99 Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment
 - ASTM F 1292-99 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment
- 20.37 Recommendation: Provide all rubber surfaces around play equipment.
- 20.38 Provide transfer platform for each type of play equipment (24"x14" min) with the longer side adjoining a wheelchair space that is level, stable and firm.
- 20.39 Indicate transfer platform height (suggested: 12" for kindergarten and 15" for elementary).



NOTE:

A new supplement to ADAAG covering play areas references several standards from the American Society for Testing and Materials (ASTM). The definition of "Use Zone" in ADAAG 3.5 relies on the ASTM F 1487-98 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use. ADAAG 15.6.7 requires that ground surfaces along accessible routes, clear floor or ground spaces, and maneuvering spaces within play areas comply with the ASTM F 1951-99 Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment. The ground surfaces must be inspected and maintained regularly and frequently to ensure continued compliance with this standard. If located within use zones, the ground surfaces also must comply with the ASTM F 1292-99 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment.

American Society for Testing and Materials (ASTM) 100 Bar Harbor Drive West Conshohocken, PA 19428-2959 (610) 832-9585, Fax: (610) 832-9555 Copies also can be ordered from Techstreet.

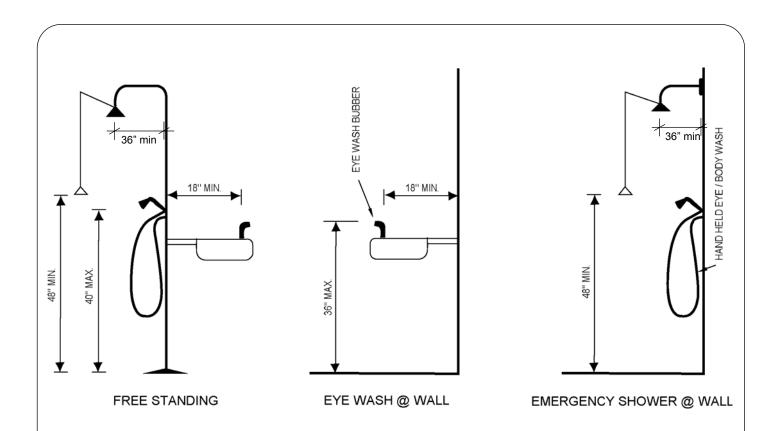
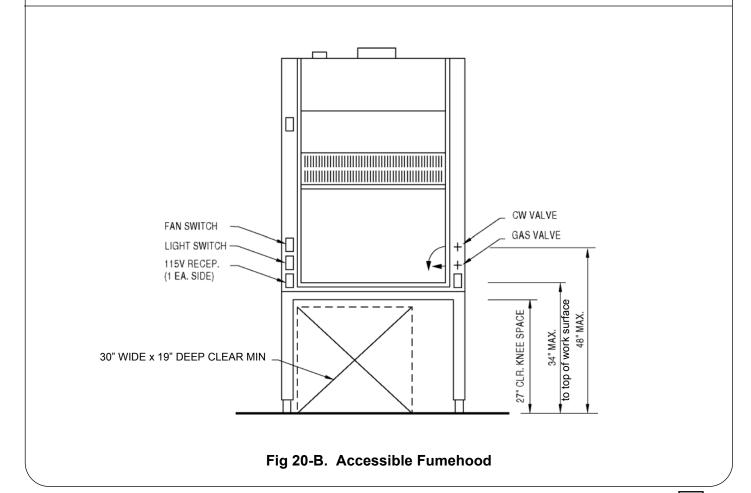


Fig 20-A. Emergency Eyewash and Shower



2	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 21. INSTITUTIONAL USE AREAS			
21.1	For additional scoping requirements and exceptions see also applicable DSA/AC Preliminary Review Checklists and Checklist 1.			
21.2	For the purpose of Access Compliance review only: Regardless of occupancy load or classification, the requirements of CBC 1109B are not limited to Group I facilities or portions of facilities but do also apply to any facility or portion of facility which is used, either full-time or part time, or can be characterized as an institutional use area.			
21.3	All skilled nursing, long-term-care, intermediate care, bed and care, nursing homes, hospitals, clinics, trauma center, psychiatric, detoxification, and rehabilitation facilities must be made accessible.	1109B.1 ADAAG 6.1		
	EXCEPTION:			
	In existing buildings where DSA determines that compliance would create an unreasonable hardship, an exception may be granted when equivalent facilitation is provided. Equivalent facilitation in alterations or additions must provide for the following:			
	When patient bedrooms are being added or altered as part of a planned renovation of an entire wing, a department, or other discrete area of an existing medical facility, a percentage of the patient bedrooms that are being added or altered must be made accessible. The percentage of accessible rooms provided must be consistent with the percentage of rooms required to be accessible by the applicable requirements of 1109B.3 until the number of accessible patient bedrooms in the facility equals the overall number that would be required if the facility were newly constructed. Where toilet/bathrooms are part of patient bedrooms which are added or altered and required to be accessible, each such patient toilet/bathroom must be made accessible.	ADAAG 6.1(4)		
	When patient bedrooms are being added or altered individually, and not as part of an alteration of the entire area, the altered patient bedrooms must be made accessible unless either a) the number of accessible rooms provided in the department or area containing the altered patient bedroom equals the number of accessible patient bedrooms that would be required if the percentage requirements 1109B.3 were applied to that department or area, or b) the number of accessible patient bedrooms in the facility equals the overall number that would be required if the facility were newly constructed. Where toilet/bathrooms are part of patient bedrooms which are added or altered and required to be accessible, each such toilet/bathroom must be made accessible.			
21.4	At outpatient units or facilities providing medical care or services to persons with mobility impairments 10% of the total number of parking spaces must be accessible.	1129B.3.1		

2	1	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Ch	eck List 21. INSTITUTIONAL USE AREAS			
21.5	mol	acilities that specialize in the treatment of persons with bility impairments 20% of the total number of parking ces must be accessible.	1129B.3.2		
21.6		e in every eight accessible parking spaces must be van- essible.			
21.7	prot	vide and indicate at least one accessible entrance that is tected from the weather by a canopy or roof, and which orporates an accessible passenger loading zone.	1009B.2		
	EXC	CEPTION:			
	a.	Clinics and other medical facilities that are not intended for patient stays of 24 hours or more and that are located above the first floor.			
21.8	layo ass	vide enlarged plan in 1/4" scale representing the actual but of the accessible passenger loading zone, including ociated entrances, sidewalks and curb ramps. Provide and cate:			
	1.	5'x20' (8'x20' preferred) access aisle adjacent and parallel to the vehicle pull–up space.			
	2.	Access aisle and vehicle pull–up space must be level (2% max.).			
	3.	A curb ramp, if there is a curb between the access aisle and the vehicle pull–up space, or if there is a curb between the access aisle and the POT.			
	4.	Vertical clearance of 114" min at one vehicle access route to such zones (from site entrances and exits).			
	5.	Design of identifying signage should be different than that used at accessible parking spaces (e.g., by providing a post-mounted sign with the ISA and stating "Passenger Loading Only – No Parking").			
	6.	Indicate outline or canopy or roof on plan.			
21.9	suc	exterior and interior public use and common use areas, h as TV lounges, waiting rooms, offices, conference rooms, , must be made accessible.			
21.10	inte and	ong-term-care facilities (including skilled nursing, armediate care, bed and care, and nursing homes) provide I indicate a minimum of 50% of patient bedrooms and toilet lities to be accessible.	1009B.3.1		
21.11	faci	leneral purpose hospitals, psychiatric and detoxification lities provide and indicate a minimum of 10% of patient lrooms and toilet facilities to be accessible.	1009B.3.2		
21.12	trea	ospitals and rehabilitation facilities that specialize in the specialize in the specialize in treating conditions that affect mobility, or units within either that incialize in treating conditions that affect mobility provide and	1009B.3.3		

Project designer (PD) shall address the following marked of circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	or ck r ck	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
Check List 21. INSTITUTIONAL USE AREAS	; ;			
indicate all patient bedrooms and toilet facilities to be				
accessible.				
21.13 In buildings that house offices and suites of physicians, dentists, etc., all such offices or suites, and their sanitary facilities, must be made accessible.	1	109B.8		

					ı		
2	22	circled items, a drawings and a ppointment for	per (PD) shall address the follogand any additional plan review specifications before schedulion access compliance (AC). Agreement must be resolved previewer (PR).	v comments on ing a back check ny questions or	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Ch	eck List 22.	RESIDENTIAL USE	AREAS			
22.1	bei		ecklist for residential use a the meantime please refer				
		Title 24, Chapte	r 11A for new constructior multifamily dwellings.	of privately	1102A.3C 101.17.9		
	2.		er 11B for new construction iblicly funded dwelling unit		1111B.5 101.17.11.1.3		
	3.	Title 24, Chapte alterations of do	er 11B for new construction prmitories.	n, additions or	1111B.4.7		
	4.	Title 24, Chapte alterations of tra	r 11B for new construction ansient lodgings.	n, additions or	1111B.4		

2	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 23. MISCELLANEOUS AND OTHER U	JSE AREAS		
23.1	For additional scoping requirements see also applicable DSA/AC Preliminary Review Checklists and Checklists 1 through 24.			
FACTO	DRY AND WAREHOUSE USE AREAS			
23.2	For the purpose of Access Compliance review only: Regardless of occupancy load or classification, the requirements of CBC 1107B are not limited to Group F facilities or portions of facilities but do also apply to any facility or portion of facility which is used, either full-time or part time, or can be characterized as factory or warehouse use area.			
23.3	All levels of multi-story factories and warehouses must be made accessible.	1107B		
	EXCEPTION:			
	 a. In alterations when DSA determines that compliance would create an unreasonable hardship, and when equivalent facilitation is provided. b. In non-occupiable spaces accessed only by ladders, catwalks, crawl spaces, very narrow passageways, tunnels, or freight (non-passenger) elevators, and frequented only by service personnel for maintenance, repair, or occasional monitoring of equipment; such spaces may include, but are not limited to, elevator pits, elevator penthouses, piping or equipment catwalks, water or sewage treatment pump rooms and stations, electric substations and transformer vaults, and highway and tunnel utility facilities. c. In single occupant structures accessed only by a passageway that is below grade or that is elevated above standard curb height. d. To levels in private facilities that are less than three stories or that have less than 3000 square feet per story. e. To levels in public facilities that are less than three stories and that are not open to the general public if the story above or below the accessible ground floor houses no more than five persons and is less than 500 square feet. Examples may include, but are not limited to, drawbridge towers and boat traffic towers, lock and dam control stations, and train dispatching towers. 	ADAAG 4.1.3(5)		
23.4	 All major or principal floor areas must be made accessible. All office areas must be made accessible. All sanitary facilities serving these areas must be made accessible. 	1107B.1		

2	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).		Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 23. MISCELLANEOUS AND OTHER	USE AI	REAS		
23.5	 Warehouses must be made accessible as follows: All warehousing areas which are located on the floor nearest grade and those areas on other floors that are otherwise provided with access by level entry, ramp or elevator must be made accessible. All office areas must be made accessible. All sanitary facilities serving these areas must be made 		1107B.2		
HAZAR 23.6	accessible. ADOUS USE AREAS For the purpose of Access Compliance review only: Regardless of occupancy load or classification, the requirements of CBC 1108B are not limited to Group H				
23.7	facilities or portions of facilities but do also apply to any facility or portion of facility which is used, either full-time or part time, or can be characterized as hazardous use area. Hazardous use area that are used by the public as customers, clients, visitors or which are potential places of employment must be made accessible.		1108B.1		
	 EXCEPTION: a. In alterations when DSA determines that compliance would create an unreasonable hardship, and when equivalent facilitation is provided. b. In existing buildings where DSA determines that, due to legal or physical constraints, compliance with the height requirement or equivalent facilitation would create an unreasonable hardship. 				NOTE: Jurisdictional findings and determinations for exception (b) are subject to an internal DSA appeals
23.8 23.9	Provide and indicate accessible toilet and bathing facilities. Provide and indicate an accessible path of travel, including entrances, stairs, ramps, doors, turnstiles, corridors, walks and sidewalks.		1108B.2		process.
23.10	All floor and levels must be made accessible.				
23.11	Provide and indicate a 36" min wide POT and doors with 32" min clearance to all employee work areas.				
STORA	GE AND UTILITY USE AREAS				
23.12	Storage and utility use area that are used by the public as customers, clients, visitors or which are potential places of employment must be made accessible.		101.17.11.2 1112B 1113B		

2	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.) Location of Item on Plans of Item on Plans Notes Examples
	Check List 23. MISCELLANEOUS AND OTHER L	USE AREAS
	EXCEPTION:	
	In alterations when DSA determines that compliance would create an unreasonable hardship, and when equivalent facilitation is provided.	
23.13	Provide and indicate at least one of each type of storage facility to be accessible.	1125B.1
23.14	Provide and indicate POT to accessible storage units.	
23.15	Provide and indicate accessible opening hardware at accessible storage units.	
23.16	Provide and indicate accessible toilet and bathing facilities.	
23.17	Provide and indicate a 36" min wide POT and doors with 32" min clearance to all employee work areas.	
23.18	Public tour areas, to the extent that such public tours are conducted through or about a utility facility, or where the public is permitted to walk in such areas, must provide accessibility in those portions of the facility and grounds where this occurs.	1105B.3.4.2
OUTDO	OR USE AREAS	
23.19	For the purpose of Access Compliance review only: Regardless of occupancy load or classification, the requirements of CBC 1132B are not limited to outdoor use areas or facilities but do also apply to any area, facility, or portion of facility which is used, either full-time or part time, or can be characterized as outdoor use area.	
23.20	Outdoor use areas including naturally occurring public accommodations must be made accessible.	1132B.1
23.21	Parks and Recreational areas and facilities must be made accessible.	1132B.2
	EXCEPTION:	
	 a. In alterations when DSA determines that compliance would create an unreasonable hardship, and when equivalent facilitation is provided. b. Where DSA finds that, in specific areas, the natural environment would be materially damaged by compliance; such areas shall be subject to these regulations only to the extent that such material damage would not occur. c. Automobile access shall not be provided or paths of travel shall not be made accessible when DSA determines that compliance with these regulations would create an unreasonable hardship. 	
	Provide and indicate a minimum of 3% but never less than 2	

2	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 23. MISCELLANEOUS AND OTHER	USE AREAS		
23.23	Accessible campsite must be level and provide a firm and stable surface.			
23.24	Provide and indicate POT from accessible campsites to sanitary facilities.			
23.25	If permanent sanitary facilities are provided on this site, these must be made accessible to persons using wheelchair.			
23.26	All beaches, picnic areas, day use areas, vista points and similar areas must be made accessible.			
23.27	Boat docks, fishing piers, etc. must be made accessible.			
23.28	Trails and paths or portions of these, shall permit at least partial use by wheelchair occupants. Hard surface paths or walks shall be provided to serve all buildings and other functional areas.			
23.29	Provide and indicate running slopes or elevations points and cross slopes.			
23.30	Indicate and specify trail surface material.			
23.31	Nature trails and other similar educational or informational areas must be accessible to the blind with rope guidelines, raised Arabic numerals and symbols, informational signs and related guide and/or assistance devices.			
23.32	Highway rest areas and similar facilities must be made accessible as follows:	1132B.3.1		
	1. Accessible sanitary facility for each sex.			
	2. At least one accessible picnic table and one additional table for each 20 tables, or fraction thereof provided.			
	3. Information and display areas.			
	4. Hi-low drinking fountain.			
	5. At least one van accessible parking space.			
	6. Curb ramps conforming with 1127B.5 must be provided at pedestrian ways where appropriate.			

2	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 24. QUALIFIED HISTORICAL BUILDING	GS		
24.1	Secure documentation that verifies the project is a Qualified Historical Building or Property and submit along with plans for review.			
24.2	This checklist applies to every Qualified Historical Building, or Property, that is required to provide access to people with disabilities.	Title 24, Part 8, Chapter 6		
24.3	Design and construction must preserve the integrity of Qualified Historic Buildings and Properties, while providing access to, and use by people with disabilities. Every function or accommodation available to the general public must be accessible either directly or by alternatives as indicated below.			
24.4	Regular code for access for persons with disabilities shall be applied to Qualified Historical Buildings or Properties, unless strict compliance with the regular code will threaten or destroy the historical significance, or character defining features of the building or property.			
24.5	If the historical significance or character defining features are threatened, alternative provisions for access may be applied pursuant to this chapter, provided the following conditions are met:			
	Such alternative provisions shall be applied only on an item-by-item or a case-by-case basis.			
	2. The alternative provisions are applied according to the priorities outlined in Section 603 (of Part 8 of Title 24 listed below), whereby the alternative providing the greatest accessibility is listed first.			
	3. Documentation is provided stating the reasons for the application of the alternative provisions. Such documentation shall be maintained as a part of the public record.			
	4. If it is found that the application of the preferred alternatives listed in Section 603 threatens the historical significance or character defining features, the provisions of Sections 604 and 605 (of Part 8 of Title 24) may be applied.			
	 A signature of approval from the applicable enforcement agency shall accompany any alternatives, equal facilitation designs, or exceptions agreed upon. 			
24.6	The alternatives below each category are listed in order of priority. These alternatives apply only to the specific building standards listed below. All other related standards of regular code are not affected nor exempted.			
	1. Entry: These alternatives do not allow exceptions for the requirement of level landings in front of doors, except as provided in Section 603.3. Alternatives listed in order of priority are:			
	 Access to any entrance used by the general public and no further than 200' from the primary entrance. 			

24

Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)

Comments

Item on Plans

Location

Check List 24. QUALIFIED HISTORICAL BUILDINGS

- Access at any entrance not used by the general public, but open and unlocked with directional signs at the primary entrance, and as close as possible to, but no further than 200' from the primary entrance.
- 2. Doors. Alternatives listed in order of priority are:
 - Single leaf door which provides 30" min clear opening.
 - Single leaf door which provides 29 1/2"min clear opening.
 - Double door; one leaf of which provides 29 1/2" min clear opening.
 - Double doors operable with a power-assist device to provide a 29 1/2" min clear opening when both doors are in the open position.
- Power-assisted Doors. A power-assisted door or doors may be considered an equivalent alternative to level landings, strike side clearance, and door-opening forces required by the regular code.
- 4. Toilet Rooms. In lieu of separate-gender toilet facilities as required in the regular code, an accessible unisex toilet facility may be designated.
- 5. Exterior and Interior Ramps and Lifts. Alternatives listed in order of priority are:
 - A lift or a ramp of greater than standard slope, but no greater than 1:10 for horizontal distances, cannot exceed 12 feet. Signs shall be posted at upper and lower levels to indicate steepness of the slope.
 - Access by ramps of 1:6 slope for horizontal distance, not to exceed 13". Signs shall be posted at upper and lower levels to indicate steepness of the slope.
 - Access is provided by experiences, services, functions, materials and resources through methods including; but not limited to; maps, plans, videos, virtual reality, and related equipment at accessible levels. This alternative shall be documented as required in Section 605.
- 6. Equivalent Facilitation. Use of other designs and technologies, or deviation from particular technical and scoping requirements, are permitted if the application of the alternative provisions contained in Section 603 would threaten or destroy the historical significance or character defining features of the building or site, or cause unreasonable hardship. Alternatives to Section 604 are permitted only where the following conditions are met:
 - Such alternatives shall be applied only on an item-byitem or a case-by-case basis.
 - The alternative design and/or technologies used will provide substantially equivalent or greater accessibility to, and usability of, the facility.

24

Justification,
Reference, or
Code Citation
(C.C.R. Title 24,
u.o.n.)
Location
of Item on Plans

Comments
Notes
Examples

Check List 24. QUALIFIED HISTORICAL BUILDINGS

- The official charged with the enforcement of the standards, shall document the reasons for the application of the alternative design and/or technologies, and their effect on the historical significance or character defining features. Such documentation shall be in accordance with Section 602.2, Item 3, and shall include the opinions and comments of state or local accessibility officials, and the opinions and comments of representative local groups of people with disabilities. Such documentation shall be recorded and entered into the permanent file of the enforcing agency.
- 7. Exceptions. If the historical significance or character defining features would be threatened or destroyed by the application of alternative access standards as provided by this chapter. No equivalent facilitation as provided in Section 604 is feasible. An exception from the literal requirements for full and equal access, or any alternative provisions, may be provided only if the following conditions are met
 - Such exception is considered only on an item-by-item or case-by-case basis.
 - Interpretive exhibits and/or equal services of the exempted significant historical aspects are provided for the public in a location fully accessible to, and usable by persons with disabilities; including people with hearing and sight impairment.
 - Services are provided in an accessible location equal to those provided in the excepted location.
 - The official charged with the enforcement of the standards shall document the reasons for the application of the alternative design and/or technologies, and their effect on the historical significance or character defining features. Such documentation shall be in accordance with Section 602.2, Item 3, and shall include the opinions and comments of state or local accessibility officials, and the opinions and comments of representative local patrons with disabilities. Such documentation shall be recorded and entered into the permanent file of the enforcing agency.

2	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check	on, e, or ation ïtle 24,	ר Plans	\$ "
	appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 25. SPECIFICATIONS			
25.1	For additional scoping requirements see also applicable DSA/AC Preliminary Review Checklists and Checklists 1 through 24.			
DIVISIO	ON 2, SITE WORK			
25.2	Specify Portland cement, concrete paving, and concrete finishes in POT to have heavy broom finish at slopes exceeding 6%, and medium broom finish at slopes up to 6%.	1133B.7.1		
25.3	Specify all gates, including ticket gates, to meet all applicable specifications for doors. Coordinate and specify height and type of hardware with door requirements.	1133B.1.1.1.4		
25.4	Specify 10" kick-plate at gate.			
DIVISIO	ON 8, DOORS & STOREFRONTS			
25.5	Specify thresholds in the path of travel in conformance with 1133B.2.4.1			
25.6	Specify closer-effort to be 5 lbs at exterior doors and interior doors per 1133B.2.5.			
25.7	Delete note that states that fire doors or rated doors can have up to 15 lbs operating effort, or provide the following note: "The Authority having Jurisdiction, may increase the maximum effort to operate fire doors to achieve positive latching, but not to exceed 15 lbs max."			
25.8	Specify door closer to comply with 1133B.2.5.1, closer delay time.			
25.9	Where flush bolts occur in the POT, specify accessible flush bolt (automatic).			
25.10	Specify hand-activated hardware between 30" to 44" AFF; lever-type hardware, panic bars, push-pull activating; lever handle for thumb turn dead bolt per 1133B.2.5.1.			
25.11	Provide cut sheets for all door operating hardware at back check appointment.			
25.12	Provide cut sheets for darkroom doors.			

2	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).		Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 25. SPECIFICATIONS				
DIVISIO	N 9, FINISHES				
25.13	Specify tile flooring to have minimum coefficient of friction 0.6				
25.14	per ASTM 1028. Specify resilient flooring to have minimum coefficient of friction of at least 0.5 per ASTM D2047.				
25.15	Specify carpet to be securely attached to floor (glue-down preferred), firm or no pad, 1/2" max pile height, and level loop or cut pile.				
25.16	Specify doormats to be securely fasten to floor at exposed edges.				
25.17	Specify anchorage at recessed doormats per 1133B.1.1.1.3.				
DIVISIO	ON 10, SPECIALTIES				
25.18	Specify signage font, size, color and color of background.				
25.19	Specify signage to be in compliance with 1114B, 1115B.5 and 1117B.5. See also Checklist 17.				
25.20	Specify toilet compartment doors to have automatic-closing device, U-shaped handles below latch at each side of door, and flip-over or sliding latch per 1115B.7.1(4).				
25.21	Specify coat hook to be installed at 48" max.				
25.22	Specify toilet tissue dispensers to be continuous flow type and recessed.				
25.23	Specify grab bar length and diameter.				
25.24	Provide cut sheets of all toilet room accessories at back check appointment.				
DIVISIO	N 11, EQUIPMENT				
25.25	Specify accessible fume hood, eyewash, deluge shower, other specialized equipment, etc.				
25.26	Specify clear knee space at specialized equipment and/or accessible reach ranges.				
25.27	Provide cut sheets for specialized equipment used at back check appointment.				
25.28	Specify food service aisle to be 36" min wide and tray slides to be mounted at 34" max AFF.				
		l		l	I

2	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 25. SPECIFICATIONS			
25.29	Specify walk-in coolers and freezers to have accessible entry and exit door hardware, and level maneuvering clearances at the exterior side per 1133B.2.4.2.			
DIVISIO	N 12, FURNISHINGS			
25.30	Specify U-pulls at cabinets/casework for accessible storage per 1125B.4.			
25.31	Specify access signage at bleachers.			
25.32	Provide code references for accessible seating for persons using wheelchairs and companion.			
25.33	Specify 1% or at least one accessible locker, per 1115B.6.4., including shelf and coat-hook height and signage.			
DIVISIO	N 14, CONVEYING SYSTEMS			
25.34	Specify lift platform safety sensors to prevent downward travel if obstruction is encountered.			
25.35	Specify back-up battery when lift used for platform is without direct accessible egress.			
25.36	Refer to CBC Part 7, Section 7-3094 for platform lifts.			
25.37	Refer to CBC Part 2, Section 3003 for elevators.			
25.38	Specify all elevator/lift signage to comply with CBC 1117B.5.			
DIVISIO	N 15, MECHANICAL/PLUMBING			
25.39	Coordinate height of accessible fixtures with those indicated in construction drawings			
25.40	Provide cut sheets for water closet, urinal, lavatories, drinking fountain, showers, etc			
25.41	Specify lever-operated faucets. Push-type and electronically controlled mechanisms are acceptable (controls to be operable with one hand; no tight grasping, pinching or twisting of the wrist).			
25.42	Specify force to activate controls to be no greater than 5 lbs.			
25.43	Specify faucet to remain open for at least 10 seconds when self-closing valves are used.			
25.44	Specify insulation or cover for hot water and drainpipes under accessible sinks and lavs.			

2	Project designer (PD) shall address the following marked or circled items, and any additional plan review comments on drawings and specifications before scheduling a back check appointment for access compliance (AC). Any questions or points of disagreement must be resolved prior to back check by fax to plan reviewer (PR).	Justification, Reference, or Code Citation (C.C.R. Title 24, u.o.n.)	Location of Item on Plans	Comments Notes Examples
	Check List 25. SPECIFICATIONS			
25.45	Specify accessible sinks to be 6 1/2" max deep.			
DIVISIO	ON 16, ELECTRICAL			
25.46	Specify permanently installed Assistive Listening System for assembly use areas with fixed seating.			
25.47	Specify portable Assistive Listening System for assembly use areas with non-fixed seating.			
25.48	Specify type of Assistive Listening System.			
25.49	Specify number of receivers and number of signs.			
				<i></i>